



Your Vision, Our Future

**Olympus America Inc.**

48 Woerd Ave, Waltham, MA 02453-3824 USA

Tel: 781-419-3900

[www.olympus-ims.com](http://www.olympus-ims.com)

[info@olympus-ossa.com](mailto:info@olympus-ossa.com)

**In response to  
Request for Proposal  
Bid #1383**

**Purchase of Microscopes  
Submitted to  
Rancho Santiago Community College District  
for the  
New Science Center at Santa Ana College  
Purchasing Services Office  
2323 North Broadway – Room 109  
Santa Ana, CA 92706**

**On 7 April 2020 at 2:00 PM CST**

**By  
Olympus America, Inc.  
48 Woerd Avenue  
Waltham, MA 02453  
Phone: 800-225-8330 // Fax: 781-419-3980  
[www.olympus-lifescience.com](http://www.olympus-lifescience.com)**

**Technical POC**

**Mark Eastman**

**Senior Sales Representative, Life Science**

**Olympus America, Inc.**

**48 Woerd Avenue**

**Waltham, MA 02453-3824**

**Cell: (714) 425-1299**

**Email: [mark.eastman@olympus.com](mailto:mark.eastman@olympus.com)**

**Contracts POC**

**Gabriella Holguin**

**Sr. Contract Specialist**

**48 Woerd Avenue**

**Waltham, MA 02453-3824**

**Phone: 781-419-4851**

**FAX: 781-419-3980**

**Email: [gabriella.holguin@olympus.com](mailto:gabriella.holguin@olympus.com)**

30 March 2020

RANCHO SANTIAGO COMMUNITY COLLEGE DISTRICT

Purchasing Services

Attention: Linda Melendez, Director of Purchasing Services

2323 N. Broadway, Room 109

Santa Ana, CA 92706

RE: Bid response for Bid #1383, Purchase of Microscopes for the New Science Center at Santa Ana College

Due: April 7, 2020 2:00 PM

Dear Sir/Madam,

On behalf of Olympus, thank you for the invitation to participate in the competitive bid process for the request for microscopes for The New Science Center at Santa Ana College.

The Olympus Scientific Solutions Group takes great pride in being able to provide microscopy knowledge and solutions that enable the members of Rancho Santiago Community College District to further develop student education and research capabilities.

Please note that Olympus's response is for informational purposes only and no agreement shall exist between the two parties until definitive terms and conditions have been negotiated, reviewed and executed by authorized signatories.



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[info@olympus-ossa.com](mailto:info@olympus-ossa.com)

Olympus' proposal is proprietary and confidential and has been prepared exclusively for Rancho Santiago Community College District's consideration. Our response, including pricing, may not be disclosed to third parties without advance written consent of Olympus.

We thank you for the opportunity to provide a quotation and hope you will consider Olympus America Inc. as a continued supplier of Microscopy products.

Please feel free to contact me at (781) 419-4851 or for technical assistance Mark Eastman at (714) 425-1299 should you require additional information or assistance.

Regards,

Gabriella Holguin  
Sr. Contract Specialist  
Olympus America Inc.  
781-419-4851

**RANCHO SANTIAGO COMMUNITY  
COLLEGE DISTRICT**

**Bid #1383 – Purchase of Microscopes for the  
New Science Center at Santa Ana College**

**Due: March 24, 2020 @ 2:00 PM**

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# This form must be submitted not later than 2:00 p.m., March 9, 2020.

\* These items must be submitted with bid proposal. Additional documents may be required so bidders should carefully review all bid documents before submitting a bid.

+ Items that successful bidder must submit after the award of contract.

## NOTICE CALLING FOR BIDS

### RANCHO SANTIAGO COMMUNITY COLLEGE DISTRICT SANTA ANA, CALIFORNIA

The Board of Trustees of the Rancho Santiago Community College District ("District") is advertising for bids to be received up to March 24, 2020 @ 2:00 p.m., in the Rancho Santiago Community College District - Purchasing Services Office, 2323 North Broadway - Room 109, Santa Ana, CA 92706, for the furnishing of: **Bid #1383 - Purchase of Microscopes for the New Science Center at Santa Ana College.**

It is each bidder's sole responsibility to ensure its bid is timely delivered and received at the location designated as specified above. Any bid received at the designated location after the scheduled closing time for receipt of bids shall be returned to the bidder unopened.

Each bid must strictly conform with and be responsive to the bid documents and the District reserves the right to reject any or all bids or to waive any irregularities or informalities in any bids or in the bidding.


Each bidder's bid must be accompanied by one of the following forms of bidder's security in the amount of Ten Thousand Dollars (\$10,000): (1) cash; (2) a cashier's check made payable to the District; (3) a certified check made payable to the District; or (4) a bidder's bond executed by a California admitted surety as defined in Code of Civil Procedure Section 995.120, made payable to the District in the form set forth in the bid documents.

Any request for substitutions pursuant to Public Contracts Code Section 3400 must be made on the form set forth in the contract documents and submitted along with all other required information and document not later than 2:00 p.m., March 9, 2020.

No bidder may withdraw any bid for a period of ninety (90) calendar days after the date set for the opening of bids.

Bid documents are available at [www.rscdd.edu/bidopportunities](http://www.rscdd.edu/bidopportunities). For further information, please contact myself at (714) 480-7370 or email [melendez\\_linda@rscdd.edu](mailto:melendez_linda@rscdd.edu).

By:



Linda Melendez  
Director of Purchasing Services

Advertised:  
February 25, 2020 and March 3, 2020

## INFORMATION FOR BIDDERS

**WARNING: READ THIS DOCUMENT CAREFULLY. DO NOT ASSUME THAT IT IS THE SAME AS OTHER SIMILAR DOCUMENTS YOU MAY HAVE SEEN, EVEN IF FROM THE SAME DISTRICT.**

1. Description of Bid. Provide unit prices to furnish microscopes as specified including all supplies, equipment, components, calibration, training and demonstrations to the reasonable satisfaction of the District ("Products"), as well as all required shipping, delivery, unpacking, set-up and all other requirements set forth in these bid documents. While the District initially intends to use this unit price bid to procure various types of microscopes for the New Science Center at Santa Ana College, the District shall have the right to procure additional microscopes at the same unit prices provided by the bidder awarded the contract for future projects or future needs at the sole discretion of the District for the term of the contract. See Purchase Agreement Form also referred to as contract.
2. Preparation of Bid Form. Bids shall be submitted on the prescribed Bid Form, completed in full by bidders (also referred to as "Vendor(s)"). All bid items and statements shall be properly and legibly filled out. The signatures of all persons shall be in longhand and in ink. Prices, wording and notations must be in ink or typewritten.
3. Form and Delivery of Bids. The bid must conform and be responsive to all bid documents and shall be made on the Bid Form provided, and the complete bid, together with any and all additional materials as required, shall be enclosed in a sealed envelope, addressed and hand delivered or mailed to: Rancho Santiago Community College District (DISTRICT), 2323 N. Broadway, Room 109, Santa Ana, CA 92706, and must be received on or before the bid deadline. Bidders are to include one (1) printed original and an electronic copy (flash drive) of their completed bid and the envelope shall be plainly marked in the upper left hand corner with the bidder's name, the name of the bid and the date and time for the opening of bids. It is the bidder's sole responsibility to ensure that its bid is received at the specified location prior to the bid deadline. The District shall not be responsible for any delays or issues with mail delivery. In accordance with Government Code Section 53068, any bid received after the scheduled closing time for receipt of bids shall be returned to the bidder unopened. At the time and place set forth for the opening of bids, the sealed bids will be opened and publicly read aloud.
4. Signature. Any signature required on bid documents must be signed in the name of the bidder and must bear the signature of the person or persons duly authorized to sign these documents. Where indicated, if bidder is a corporation, the legal name of the corporation shall first be set forth, together with two signatures: one from among the chairman of the board, president or vice president and one from among the secretary, chief financial officer, or treasurer. Alternatively, the signature of other authorized officers or agents may be affixed, if duly authorized by the corporation. Such documents shall include the title of such signatories below the signature and shall bear the corporate seal. Where indicated, in the event that the bidder is a joint venture or partnership, there shall be submitted with the bid certifications signed by authorized officers of each of the parties to the joint venture or partnership, naming the individual who shall sign all necessary documents for the joint venture or partnership and, should the joint venture or partnership be the successful bidder, who shall act in all matters relative to the bid for the joint venture or partnership. If bidder is an individual, his/her signature shall be placed on such documents.
5. Modifications. Changes in or additions to any of the bid documents, summary of the work bid upon, alternative proposals, or any other modifications which are not specifically called for by the DISTRICT may result in the DISTRICT's rejection of the bid as being nonresponsive. No oral, telephonic, facsimile or electronic modification of any of the bid documents will be considered.

6. Erasures, Inconsistent or Illegible Bids. The bid submitted must not contain any erasures, interlineations, or other corrections unless each such correction is authenticated by affixing the initials of the person(s) signing the bid in the margin immediately adjacent to the correction. In the event of inconsistency between words and numbers in the bid, words shall control numbers. In the event that DISTRICT determines that any bid is unintelligible, illegible or ambiguous, the DISTRICT may reject such bid as being nonresponsive.

7. Withdrawal of Bids. Any bid may be withdrawn, either personally or by written request signed by the bidder, at any time prior to the scheduled closing time for receipt of bids. The bid security for a bid withdrawn prior to the scheduled closing time for receipt of bids, in accordance with this paragraph, shall be returned. No bidder may withdraw any bid for a period of ninety (90) calendar days after the date set for the opening of bids.

8. Bid Security. Each bid must be accompanied by one of the following forms of bidder's security: (1) cash; (2) a cashier's check made payable to the District; (3) a certified check made payable to the District; or (4) a bidder's bond executed by a California admitted surety as defined in Code of Civil Procedure section 995.120, made payable to the District, in the form set forth in the bid documents. Such bidder's security must be in an amount not less than ten thousand dollars (\$10,000) as a guarantee that the bidder will enter into the contract (Purchase Agreement Form) negotiated between the parties in good faith, if the same is awarded to such bidder, and will provide any other required documents. Bid bonds must be executed by an admitted surety insurer as defined in Code of Civil Procedure 995.120. In the event that a bidder is awarded the contract and such bidder fails to enter into said contract or provide the required documents within five (5) calendar days after award of the contract to bidder, said security will be forfeited.

9. Interpretation of Bid Documents. If any bidder is in doubt as to the true meaning of any part of the bid documents, or finds discrepancies in, or omissions from the bid documents, a written request for an interpretation or correction thereof must be submitted to the DISTRICT by **March 9, 2020 at 2:00 pm**. No requests shall be considered after this time. The bidder submitting the written request shall be responsible for its prompt delivery. Any interpretation or correction of the bid documents will be made solely at DISTRICT's discretion and only by written addendum duly issued by the DISTRICT, and a copy of such addendum will be hand delivered or mailed or faxed or emailed to each bidder known to have received a set of the bid documents. No person is authorized to make any oral interpretation of any provision in the bid documents, nor shall any oral interpretation of bid documents be binding on the DISTRICT. If there are discrepancies of any kind in the bid documents, the interpretation of the DISTRICT shall prevail. SUBMITTAL OF A BID WITHOUT A REQUEST FOR CLARIFICATIONS SHALL BE INCONTROVERTIBLE EVIDENCE THAT THE BIDDER HAS DETERMINED THAT THE BID DOCUMENTS ARE ACCEPTABLE AND SUFFICIENT FOR BIDDING AND COMPLETING THE WORK; THAT BIDDER IS CAPABLE OF READING, FOLLOWING AND COMPLETING THE WORK IN ACCORDANCE WITH THE BID DOCUMENTS; AND THAT BIDDER AGREES THAT THE BID CAN AND WILL BE COMPLETED ACCORDING TO THE DISTRICT'S TIMELINES AND ACCORDING TO THE PROGRESS SCHEDULE TO BE SUBMITTED BY THE SUCCESSFUL BIDDER INCORPORATING THE DISTRICT'S TIMELINES FOR COMPLETION OF THE WORK.

10. Bidders Interested in More Than One Bid. No person, firm or corporation shall be allowed to make, or file, or be interested in more than one bid for the same work unless alternate bids are specifically called for by the DISTRICT. A person, firm, or corporation that has submitted a subproposal to a bidder, or that has quoted prices of materials to a bidder, is not thereby disqualified from submitting a proposal or quoting prices to other bidders or submitting a bid.

11. Unbalanced or Altered Bids. Bids in which the prices are obviously unbalanced, and those which are incomplete or show any alteration of form, or contain any additions or conditional or alternate bids that are not called for or otherwise permitted, may be rejected. If, in the District's sole discretion, it determines any pricing, costs or other information submitted by a bidder may result in an unbalanced bid, the District may deem such bid non-responsive. A bid may be determined by the District to be unbalanced if the bid is based on prices



significantly less than cost for some equipment and prices which are significantly overstated in relation to cost for other equipment, and if there is a reasonable doubt that the bid will result in the lowest overall cost to the District even though it may be the low evaluated bid, or if it is so unbalanced as to be tantamount to allowing an advanced payment.

12. Bid Protests.

*Submittal of Bid Protest.* Any bidder submitting a bid to the District may file a protest of the District's intent to award the contract provided that all of the following are complied with: (i) the bid protest is in writing; (ii) the bid protest is filed and received by the Director of Purchasing Services, c/o Linda Melendez, located at 2323 North Broadway, Suite 109, Santa Ana, CA 92706 before 5:00 P.M. not more than five (5) calendar days from the date of the bid opening; and (iii) the written bid protest sets forth, in detail, all grounds for the bid protest, including without limitation all facts, supporting documentation, legal authorities and argument in support of the grounds for the bid protest; any matters not set forth in the written bid protest shall be deemed waived. All factual contentions must be supported by competent, admissible and creditable evidence. Any bid protest not conforming to the foregoing shall be rejected by the District as invalid.

*District Review and Disposition of Bid Protest.* Provided that a bid protest is filed in strict conformity with the foregoing, the District's Director of Purchasing Services, or such individual(s) as may be designated by him/her ("Designee") will review and evaluate the basis of the bid protest. The District's Director of Purchasing Services, or Designee shall provide the Bidder submitting the bid protest with a written statement concurring with or denying the bid protest ("Bid Protest Response"). The Bid Protest Response is deemed the final action of the District and not subject to appeal or reconsideration by any other employee or officer of the District or the Board of Trustees of the District. The issuance of the Bid Protest Response by the District's Director of Purchasing Services, or the Designee is an express condition precedent to the institution of any legal or equitable proceedings relative to the bidding process, the District's intent to award the Contract, the District's disposition of any bid protest or the District's decision to reject all bids. If any such legal or equitable proceedings are instituted and the District is named as a party thereto, the prevailing party(ies) shall recover from the other party(ies), as costs, all attorneys' fees and costs incurred in connection with any such proceeding, including any appeal arising therefrom. Each Bidder shall acknowledge in the bid proposal that the foregoing is a binding attorneys' fee agreement pursuant to Civil Code §1717 and shall be enforceable against the bidder and the District.

13. Award of Contract. The award of the contract, if made by the DISTRICT, will be by action of the Governing Board to the lowest responsive responsible bidder based on the bid in its entirety who will be determined by taking the Unit Costs provided by the bidder in the Bid Form- Price Sheet and applying the Unit Costs to a sample purchase scenario developed by the District for typical quantities the District anticipates it will require for the Science Center at Santa Ana College and other sites. The sample purchase scenario used to determine the low bidder will be sealed and only disclosed and provided to bidders at the time of bid opening and prior to the opening of bids. The District reserves the right to evaluate bids received for 30 days before determining the lowest responsive responsible bidder(s) based on the sample purchase scenario. The DISTRICT reserves the right to reject any or all bids, to accept or reject any one or more items of a bid, to increase or decrease quantities or to delete items entirely, or to waive any irregularities or informalities in any bids or in the bidding process, whichever is in the best of the DISTRICT. If two identical low bids are received from responsive and responsible bidders, the DISTRICT will determine which bid will be accepted pursuant to Public Contract Code Section 20117. In the event an award of the contract is made to a bidder, and such bidder fails or refuses to execute the contract and provide the required documents within five (5) working days after the notice of award of the contract to bidder, the DISTRICT may award the contract to the next lowest responsive and responsible bidder or reject all bids.

14. Competency of Bidders. In selecting the lowest, responsive and responsible bidder, consideration will be given not only to the financial standing but also to the general competency of the bidder for the performance

of the work. By submitting a bid, each bidder agrees that the DISTRICT, in determining the successful bidder and its eligibility for the award, may consider the bidder's experience and facilities, conduct and performance under other contracts, financial condition, reputation in the industry, factory authorized, and other factors which could affect the bidder's performance of the work.

15. Insurance and Workers' Compensation. The successful bidder shall be required to furnish certificates and endorsements evidencing that the required insurance is in effect. DISTRICT may request that such certificates and endorsements are completed on DISTRICT provided forms. In accordance with the provisions of Section 3700 of the Labor Code, the successful bidder shall secure the payment of compensation to all employees. The successful bidder who has been awarded the contract shall sign and file with DISTRICT prior to performing the work, the Workers' Compensation Certificate included as a part of the bid documents. Labor Code Section 1861.

16. Anti-Discrimination. In connection with all work performed under this bid, there shall be no unlawful discrimination against any prospective or active employee engaged in the work because of race, color, ancestry, national origin, religious creed, sex, age, marital status, physical disability, mental disability, or medical condition. The successful bidder agrees to comply with applicable Federal and State laws including, but not limited to, the California Fair Employment and Housing Act, beginning with Government Code Section 12900 and Labor Code Section 1735. In addition, the successful bidder agrees to require like compliance by any subcontractors employed by such bidder.

17. Hold Harmless and Indemnification. The successful bidder awarded the contract agrees to defend, indemnify, and hold harmless the Rancho Santiago Community College District (District), its officers, agents, employees, and volunteers as set forth in the Purchase Agreement Form. The District assumes no responsibility whatsoever for property placed on the premises. The Vendor further agrees to waive all rights of subrogation against the District. The provisions of the Article do not apply to any damage or losses caused solely by the negligence of the District or any of its agents or employees.

18. Drug-Free Workplace Certification. Pursuant to Government Code Sections 8350, et seq., the successful bidder will be required to execute a Drug-Free Workplace Certification upon execution of the Agreement. The bidder will be required to take positive measures outlined in the certification in order to ensure the presence of a drug-free workplace. Failure to abide with the conditions set forth in the Drug-Free Workplace Act could result in penalties including termination of the Agreement or suspension of payment thereunder.

19. Non-Collusion Declaration. In accordance with the provisions of Section 7106 of the Public Contract Code, each bid must be accompanied by a Non-Collusion Declaration. The form is included with the bid documents.

20. Debarment. Submission of a signed bid proposal in response to this solicitation is certification that your firm (or any subcontractor) is not currently debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from participation in this transaction by any State or Federal department or agency. Submission is also agreement that the District will be notified of any change in this status.

21. Prohibited Communications. During the entire period and up to the award of a contract, Vendors and their agents or other representatives are strictly prohibited from contacting District representatives, employees or members of the Governing Board regarding this bid, other than the person listed below. Failure to comply with this requirement may result in the Vendors' bid being deemed non-responsive.

Linda Melendez – Director, Purchasing Services; Email: melendez\_linda@rscsd.edu

## GENERAL CONDITIONS

### INTRODUCTION

Santa Ana College's Biology Department programs prepare students onto pathways to a wide variety of careers in the biology sector such as agriculture, biotechnology, ecology, genetics, neurobiology, horticulture, food science, marine biology, conservation and the environment to name a few. Within a short time, and, at a very affordable cost, students gain a strong foundation, preparing individuals to transfer to programs at four-year universities, enter the workforce or simply to enhance their own personal knowledge.

With the opening of the new Science Center, the college seeks to enhance the Biology Department programs by adding new compound microscopes and stereomicroscopes.

#### 1. PURPOSE OF BID

- A. The District is seeking bids from qualified responsive and responsible bidders to provide unit pricing to provide and deliver compound microscopes and stereomicroscopes manufactured by Olympus as set forth in Attachment "A" to the Bid Form. The Olympus equipment and components listed in the Bid Form- Price Sheet and Attachment "A" to the Bid Form set forth the base models of the preferred items being procured by the District, but bidders are allowed to submit "or equal" substitution requests in accordance with the bid documents.
- B. Bids will be accepted from Original Equipment Manufacturers (OEMs) and their distributors, authorized to sell compound microscopes and stereomicroscopes, manufactured by Olympus or equal as long as the OEM meets all requirements of the bid documents.

#### 2. SUBSTITUTIONS

- A. Please also refer to the Substitution Request Form for any additional requirements.
- B. Whenever in these bid documents any equipment or components are indicated or specified by brand name, trade name, proprietary name or by name of manufacturer, such specification shall also be deemed to be used for the purpose of facilitating description of the material or equipment desired and shall also be deemed to be followed by the words, "or equal", and bidder may, unless otherwise stated, offer any material or equipment which shall be equal or better in every respect to that so indicated or specified subject to District approval. If the bidder fails to submit a substitution request to indicate it will be providing an "or equal" product, its bid shall be considered as offering the material or equipment referred to by the brand name or trade name specified. It is expressly understood and agreed to by the bidder that the District reserves the right to reject any such proposed substituted item. It is further expressly understood and agreed by bidder that in the event the District rejects a proposed substituted item, the bidder will then supply the material or equipment designated by the District as further indicated in the Request for Substitution Form.
- C. With respect to each proposed substituted items, the bidder shall submit the Request for Substitution Form to the District with photos, all pertinent and appropriate data and literature substantiating its request for substitution no later than **2:00 P.M. March 9, 2020**. Additional copies of the Request for Substitution Form may be utilized for multiple requests for substitution. The District will not respond to any substitution requests submitted after that time. The District is not responsible for locating or securing any information which is not included in such substantiating data. The burden of proof as to the quality or suitability of proposed substituted items shall be borne by the bidder. The District shall be the sole judge as to the quality and suitability of proposed substituted items, and decisions of the District shall be final and

conclusive. Any notification of denied substitutions will be emailed directly to the requesting bidder. Any notification of acceptable substitutions will be addressed via an addendum. All addenda issued for this bid will be posted to the District's Purchasing website ([www.rscdd.edu/bidopportunities](http://www.rscdd.edu/bidopportunities), then search the bid number). Bidders are solely responsible for regularly checking the website for addenda.

- D. In the event the successful bidder furnishes Products other than what was specified by the District and which has been accepted by the District and which later is found to be defective, then the successful bidder, at its sole cost and expense, shall furnish the District specified Product or fully replace with new the defective Product at District's discretion.
- E. All Products furnished as a result of this bid are to be new and of the latest and most improved model and/or version in current production of the specified item and shall be of first quality as to workmanship and materials used. A new product is defined as a product made up completely of unused, genuine and original parts. The product shall not have been operated for any purpose other than routine operational testing. A demonstrator product does not meet this definition and is not acceptable. Refurbished, re-conditioned or re-manufactured Products shall not be provided to the District as part of the proposed system.
- F. The District's intent is to award a contract to one bidder who meets or exceeds the bid requirements, specifications, and all other terms and conditions, and is the lowest responsive responsible bidder.

3. INTERPRETATION, CLARIFICATION, MODIFICATION OR COMMUNICATION

- A. No oral interpretation, clarification or modification to the bid documents is authorized on behalf of the District, with the exception of the final agreement to be negotiated between the District and the successful bidder; and bidders shall not rely upon any such oral interpretation, clarification or modification of the bid. The District expressly reserves the right to modify or amend the requirements of any portion of the bid by an addendum duly issued to all bidders.
- B. Questions regarding the bid, or the intent thereof, or any discrepancies, omissions or inconsistencies in the bid documents shall be submitted in writing via, email, US mail, or private courier service to:

Linda Melendez – Director, Purchasing Services  
RANCHO SANTIAGO COMMUNITY COLLEGE DISTRICT  
2323 North Broadway – Room 109 Santa Ana, CA 92706  
Phone: (714) 480-7370  
Email: [melendez\\_linda@rscdd.edu](mailto:melendez_linda@rscdd.edu)

- C. The District will respond in writing to inquiries submitted in the conformity with the foregoing. Inquiries must be received by **March 9, 2020 @ 2:00 pm**. The District will not respond to inquiries submitted after that time. Failure to provide such questions before this deadline relieves the District of any and all responsibility to take corrective action(s) and the matter in question will not be considered nor will the matter be allowable as grounds for a protest of the bid award.
- D. Any agreement or contract resulting from this bid shall be governed by the laws of the State of California. In the event that any clause is held to be non-enforceable, the remaining provisions shall nonetheless remain in full force and effect.

Olympus edited this

4. BID SUBMITTAL

- A. Refer to the Information for Bidders for details on bid submission requirements.
- B. Place your bid amounts only on the Bid Form. *To do otherwise shall result in your bid being non-responsive and rejected.*
- C. The Bid Form **must be signed by an authorized representative and returned in a sealed envelope.** *To do otherwise will result in your bid being non-responsive.*
- D. Please see the Table of Contents for documents that must be submitted by bidder at the time of bid. Additional documents may be required so bidders should carefully review all bid documents before submitting a bid.

5. AWARD OF BID

- A. Upon notice of award, the successful bidder must provide within five (5) working days to Purchasing Services the following documents; otherwise the bidder's bid will be deemed nonresponsive and the bidder's bid security shall be forfeited:
  - Fully Executed Purchase Agreement Form
  - Drug-Free Workplace Certification
  - Insurance Certificates including all Endorsements
  - Workers' Compensation Certificate
  - IRS W-9 Form

6. DISTRICT RIGHTS

- A. District staff will make their recommendation to the Board of Trustees who will make its award on this bid according to the best interest of the District, and its decision as to whether or not the items submitted are the equal of items specified and will be final.
- B. The Board of Trustees reserves the right to reject any or all bids or to waive any irregularities or informalities in the bids or in the bidding, whichever is in the best interest of the District.
- C. The District reserves the sole right to evaluate the bidder's compliance with bidding requirements and product specifications for the purpose of selecting the successful bidder.

7. DELIVERY TERMS

- A. All deliveries shall be Free on Board/ Freight on Board (FOB)-~~Origin Destination freight prepaid and added to the Member invoice as a separate line item.~~ All items shall be subjected to inspection and/or rejection. ~~All expenses incurred with the furnishing of all Products for inspection shall be borne by the bidder.~~ Any item found to be faulty/damaged shall be replaced prior to acceptance by the District. ~~No charge for packing, draying, postage, freight, express or any other purpose will be allowed over or above the bid price.~~ Carting away of debris is the sole responsibility of the bidder. Delivery/shipping costs shall be included with each line item. Bidders who subcontract delivery/shipping are fully responsible for the subcontractor's services and costs. No third-party billing will be accepted.
- B. The District anticipates that the first Purchase Order issued pursuant to the Purchase Agreement Form will require Products to be received on or before July 31, 2020.

Olympus edited this and provided shipping on bid form

- C. Warranty to begin after the completion of scheduled delivery, set-up and calibration.
- D. Vendor is responsible to provide training and demonstrations with the college department staff. This date will be determined by the District Representative for each Purchase Order. The District anticipates that the first Purchase Order issued pursuant to the Purchase Agreement Form will require training and demonstrations tentatively scheduled for August 17, 2020 – August 21, 2020.
- E. Please see Purchase Agreement Form for additional details and requirements.

8. WARRANTY/ GUARANTEE REQUIREMENTS

See Warranty Guarantee Form.

## REQUEST FOR SUBSTITUTION FORM N/A

(Due not later than **2:00 pm, March 9, 2020**)  
Complete a form for each Item#/Location

Noted N/A but did not  
sign the next page

Pursuant to Public Contract Code Section 3400, bidder submits the following request to substitute. Bidders must submit detailed photographs for each substitution request, model, parts and provide all required written documentation and literature describing all the features that correspond with the Base Model noted in Attachment "A" to Bid Form. Please also refer to the General Conditions for substitution requirements. Additional copies of this form may be utilized for multiple requests for substitution. Bidder understands that if the request to substitute is not an "or equal" or is not accepted by the District and the bidder answers "no", bidder will not provide the specified item, then bidder will be held non-responsive and its bid will be rejected. With this understanding, bidder hereby requests substitution of the following equipment or components:

Item#/Location SC _____	Specified Item	Requested Substituted Item	Vendor Agrees to Provide Specified Item if request to Substitute is Denied <sup>1</sup> (circle one)	District Decision (circle one)
1.			Yes No	Grant Deny
2.			Yes No	Grant Deny
3.			Yes No	Grant Deny
4.			Yes No	Grant Deny
5.			Yes No	Grant Deny
6.			Yes No	Grant Deny
7.			Yes No	Grant Deny
8.			Yes No	Grant Deny
9.			Yes No	Grant Deny
10.			Yes No	Grant Deny

This Request Form must be accompanied by evidence as to whether each proposed substitution: (1) is equal in quality, service, and ability to the specified item; (2) will entail no change in performance or requirements of other related components; (3) will be acceptable in consideration of the required design and performance; (4) will provide no cost disadvantage to the District; (5) will require no excessive or more expensive maintenance, including adequacy and availability of replacement parts; and (6) meets all performance and other criteria as further detailed in photographs of the proposed substitution to be provided.

Bidders can request substitutions of certain components of the specified equipment whenever such "or equal" components are allowed as set forth in specific features of each microscope in Attachment "A" to Bid Form.

<sup>1</sup> Bidder must state whether bidder will provide the specified item in the event the substitution request is evaluated and denied. If bidder states that bidder will not provide the specified item, the denial of a request to substitute shall result in the rejection of the bidder as non-responsive. However, if bidder states that bidder will provide the specified item in the event that bidder's request for substitution is denied, bidder shall execute the contract and provide the specified item(s). If bidder refuses to execute the contract due to the District's decision to require the specified item(s) at no additional cost, bidder's bid security shall be forfeited.

The undersigned states that the following paragraphs are correct:

1. Each proposed substitution will have no adverse effect on other equipment or components, the Contract Time, or specified warranty requirements.
2. Maintenance and service parts will be available locally for each proposed substitution.
3. In order for the District to properly review substitution requests, the bidder shall provide test criteria, manufacturer information, detailed photographs, and any other documents to allow the District to perform a detailed side by side review and comparison of each substitution request and each specified item not later than 2:00 pm, March 9, 2020. It is the bidder's sole responsibility to provide all such details, information, photos and documents for the District's review and evaluation of each substitution request, and failure to provide adequate submittals shall result in the rejection of the substitution request.
4. If a substitution request is accepted by the District, bidder is still required to provide any required submittals for the substituted item(s). The approval of the District of the substitution request does not mean that the bidder is relieved of its responsibilities to provide any other required documents or information required by the bid documents.

\_\_\_\_\_  
Bidder's Name

\_\_\_\_\_  
Authorized Representative Name

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Title

← No signature



# NON-COLLUSION DECLARATION

(To Be Submitted with Bid)

Required  
Page

The undersigned declares:

I am the Director, Customer Care [title] of Olympus America [name of bidder], the party making the foregoing bid.

The bid is not made in the interest of, or on behalf of, any undisclosed person, partnership, company, association, organization, or corporation. The bid is genuine and not collusive or sham. The bidder has not directly or indirectly induced or solicited any other bidder to put in a false or sham bid. The bidder has not directly or indirectly colluded, conspired, connived, or agreed with any bidder or anyone else to put in a sham bid, or to refrain from bidding. The bidder has not in any manner, directly or indirectly, sought by agreement, communication, or conference with anyone to fix the bid price of the bidder or any other bidder, or to fix any overhead, profit, or cost element of the bid price, or of that of any other bidder. All statements contained in the bid are true. The bidder has not, directly or indirectly, submitted his or her bid price or any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, to any corporation, partnership, company, association, organization, bid depository, or to any member or agent thereof, to effectuate a collusive or sham bid, and has not paid, and will not pay, any person or entity for such purpose.

Any person executing this declaration on behalf of a bidder that is a corporation, partnership, joint venture, limited liability company, limited liability partnership, or any other entity, hereby represents that he or she has full power to execute, and does execute, this declaration on behalf of the bidder.

I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct and that this declaration is executed on 3/27/2020 [date], at Waltham [city], MA [state].

Katie M. Foster  
Signature

Katie M. Foster  
Print Name

## BID BOND

(Original to be Submitted with Bid)

KNOW ALL MEN BY THESE PRESENTS that we, Euler Hermes North America Insurance Company as Surety and Olympus America Inc. as Principal, are jointly and severally along with their heirs, executors, administrators, successors and assigns, held and firmly bound unto **RANCHO SANTIAGO COMMUNITY COLLEGE DISTRICT** ("the Oblige") for payment of the penal sum of Ten Thousand Dollars (\$10,000.00) in lawful money of the United States, well and truly to be made, we bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally.

THE CONDITION OF THIS OBLIGATION IS SUCH THAT:

WHEREAS, the Principal has submitted the accompanying bid proposal to the Oblige for **Bid #1383 – Purchase of Microscopes for the New Science Center at Santa Ana College.**

WHEREAS, subject to the terms of this Bond, the Surety and the Principal are jointly and severally firmly bound unto the Oblige in the penal sum equal to Ten Thousand Dollars (\$10,000.00).

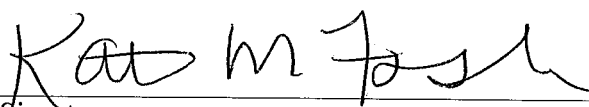
NOW THEREFORE, if the Principal shall not withdraw said bid proposal within the period specified therein after the opening of the same, or, if no period be specified, for ninety (90) days after opening of bid opening date; and if the Principal is awarded the contract, and shall within the period specified therefore, or if no period be specified, within five (5) working days after the prescribed forms are presented to him for signature, enter into a written contract with the Oblige, in accordance with the bid proposal as accepted, or in the event of the withdrawal of said bid proposal within the period specified for the holding open of the bid proposal or the failure of the Principal to enter into such contract, if the Principal shall pay the Oblige the difference between the amount specified in said bid proposal and the amount for which the Oblige may procure the required work and/or supplies, if the latter amount be in excess of the former, together with all costs incurred by the Oblige in again solicitation for quotes, then the above obligation shall be void and of no effect, otherwise to remain in full force and effect.

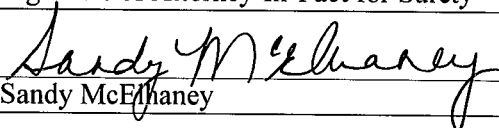
Surety, for value received, hereby stipulates and agrees that no change, extension of time, alteration or addition to the terms of the contract or in the solicitation for quotes, the work and services to be performed thereunder, the specifications, or any other portion of the bid documents shall in no way affect its obligations under this Bond, and it does hereby waive notice of any such change, extension of time, alteration or addition to the terms of said contract, in the solicitation of quotes, the work and services, the specifications, or any other portion of the bid documents.

In the event suit or other proceeding is brought upon this Bond by the Oblige, the Surety and Principal shall be jointly and severally liable for payment to the Oblige all costs, expenses and fees incurred by the Oblige in connection therewith, including without limitation, attorneys' fees.

\*\*\* Signatures on are on the next page.\*\*\*

IN WITNESS WHEREOF, the Principal and Surety have executed this instrument this 26th day of March, 2020 by their duly authorized agent or representative.

PRINCIPAL'S SIGNATURE	
Principal Name	Olympus America Inc.
	
By:	Signature
	Katie M. Fosher
	Type or Print Name
Title:	Director, Customer Care
<i>Note: Attach the Notary Public Acknowledgement of Principal's Signature</i>	

SURETY'S SIGNATURE	
Surety's Name	Euler Hermes North America Insurance Company
(Corporate Seal) By:	Signature of Attorney-In-Fact for Surety
	
	Sandy McElhane
<i>Note: (i) Attorney-In-Fact Certification; (ii) Notary Public Acknowledgment of Authorizing Signature on Attorney-Fact Certification; and (iii) Notary Public Acknowledgement of Attorney-In-Fact's Signature</i>	

CONTACT INFORMATION FOR NOTICES TO THE SURETY	
Contact Name	Euler Hermes North America Insurance Company
Mailing to:	800 Red Brook Boulevard
	Owings Mills, MD 21117
Email Address	

# CALIFORNIA ALL-PURPOSE CERTIFICATE OF ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of Tennessee }

County of Knoxville }

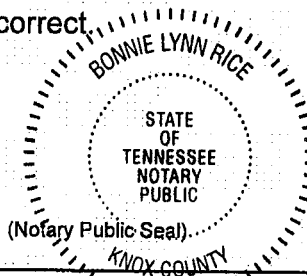
On March 26, 2020 before me, Bonnie Lynn Rice, Notary Public  
(Here insert name and title of the officer)

personally appeared Sandy McElhaney,  
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Bonnie Lynn Rice  
Notary Public Signature  
My Commission Expires: 04/04/2020



## ADDITIONAL OPTIONAL INFORMATION

### DESCRIPTION OF THE ATTACHED DOCUMENT

(Title or description of attached document)

(Title or description of attached document continued)

Number of Pages        Document Date       

### CAPACITY CLAIMED BY THE SIGNER

- ☐ Individual (s)  
☐ Corporate Officer

(Title)

- ☐ Partner(s)  
☐ Attorney-in-Fact  
☐ Trustee(s)  
☐ Other

## INSTRUCTIONS FOR COMPLETING THIS FORM

*This form complies with current California statutes regarding notary wording and, if needed, should be completed and attached to the document. Acknowledgments from other states may be completed for documents being sent to that state so long as the wording does not require the California notary to violate California notary law.*

- State and County information must be the State and County where the document signer(s) personally appeared before the notary public for acknowledgment.
- Date of notarization must be the date that the signer(s) personally appeared which must also be the same date the acknowledgment is completed.
- The notary public must print his or her name as it appears within his or her commission followed by a comma and then your title (notary public).
- Print the name(s) of document signer(s) who personally appear at the time of notarization.
- Indicate the correct singular or plural forms by crossing off incorrect forms (i.e. ~~he/she/they~~, is /are ) or circling the correct forms. Failure to correctly indicate this information may lead to rejection of document recording.
- The notary seal impression must be clear and photographically reproducible. Impression must not cover text or lines. If seal impression smudges, re-seal if a sufficient area permits, otherwise complete a different acknowledgment form.
- Signature of the notary public must match the signature on file with the office of the county clerk.
  - ❖ Additional information is not required but could help to ensure this acknowledgment is not misused or attached to a different document.
  - ❖ Indicate title or type of attached document, number of pages and date.
  - ❖ Indicate the capacity claimed by the signer. If the claimed capacity is a corporate officer, indicate the title (i.e. CEO, CFO, Secretary).
- Securely attach this document to the signed document with a staple.

**EULER HERMES NORTH AMERICA INSURANCE COMPANY**  
800 Red Brook Boulevard \* Owings Mills, Maryland 21117

08556

The number of persons authorized by this  
Power of Attorney is not more than:

**6 POWER OF ATTORNEY**

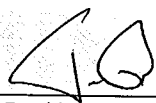
KNOW ALL MEN BY THESE PRESENTS: That EULER HERMES NORTH AMERICA INSURANCE COMPANY (EULER HERMES), a corporation organized and existing under the laws of the state of Maryland, does hereby nominate, constitute, and appoint the person or persons named below, each individually if more than one is named, its true and lawful attorney-in-fact, for and in its name, place, and stead to execute on behalf of EULER HERMES, as surety, any and all bonds, undertakings, and contracts of suretyship, or other written obligations in the nature thereof; provided that the liability of EULER HERMES on any such bond, undertaking, or contract of suretyship executed under this authority shall not exceed the limit stated below.

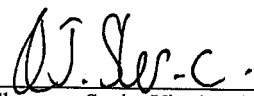
NAME	ADDRESS	LIMIT OF POWER
Rebecca Hobbs	1111 Northshore Drive	Unlimited
Bonnie L. Rice	Suite N-550	
Carolyn E. Wheeler	Knoxville, TN 37919	
Julie Karnes, Mary Y. Volmar		
Sandy McElhaney		

This Power of Attorney revokes all previous powers issued on behalf of the attorney(s)-in-fact named above.

IN WITNESS WHEREOF, EULER HERMES has caused these presents to be signed and attested by its appropriate officers and its corporate seal hereunder affixed this 9th day of July, 20 18.

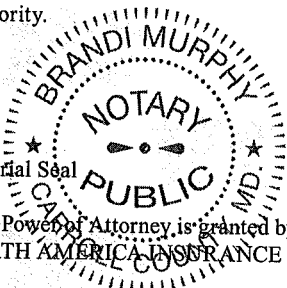


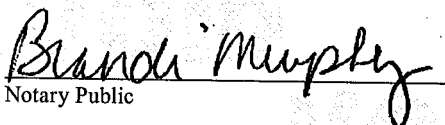
  
James Daly, President and CEO-The Americas

  
Keith Sherman, Senior Vice President and  
Chief Operating Officer-Surety

State of Maryland, County of Baltimore

On this 9th day of July, 20 18, before me personally appeared Keith Sherman, to me known, being duly sworn, deposes and says that he resides in Phoenix, MD; that he is the Senior Vice President and Operating Officer-Surety of EULER HERMES, the Company described herein and which executed the above instrument; that he know the seal of EULER HERMES; that the seal affixed to said instrument is such corporate seal; that it was so affixed by authority of the Board of Directors of EULER HERMES; and that he signed his name thereto by like authority.



  
Notary Public

**This Commission Expires August 19, 2020**

This Power of Attorney is granted by authority of the following resolutions adopted by the Board of Directors of EULER HERMES NORTH AMERICA INSURANCE COMPANY (Company) by unanimous consent on October 1, 2015.

RESOLVED: That the President, Executive Vice President, Senior Vice President, Vice President, Secretary, Assistant Vice Secretary, and Senior Vice President and Chief Operating Officer-Surety, be and hereby are authorized from time to time to appoint one or more Attorneys-in-Fact to execute on behalf of the Company, as surety, any and all bonds, undertakings and contracts of suretyship, or other written obligation in the nature thereof; to proscribe their respective duties and all respective limits of their authority; and to revoke any such appointment at any time.

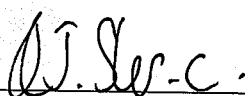
RESOLVED FURTHER: That the Company seal and signature of the aforesaid officers and may be affixed by facsimile to any Power of Attorney given for the execution of any bond, undertaking, contract of suretyship, or other written obligations in the nature thereof, such signature and seal when so used being hereby adopted by the Company as the original signature of such officer and the original seal of the Company, to be valid and binding upon the Company with the same force and effect as thought manually affixed.

**CERTIFICATION**

I, Keith Sherman, Senior Vice President and Chief Operating Officer-Surety of EULER HERMES NORTH AMERICA INSURANCE COMPANY, do hereby certify that the foregoing Power of Attorney and the Resolutions of the Board of Directors of October 1, 2015, have not been revoked and are now in full force and effect.

Signed and sealed this 26th day of March, 20 20.



  
Keith Sherman, Senior Vice President and  
Chief Operating Officer-Surety

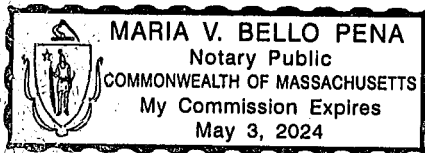
# MASSACHUSETTS NOTARY ACKNOWLEDGEMENT

Commonwealth of Massachusetts  
County of Middlesex

On this 27 [day] of March [month], 2020, before me, the undersigned notary public, Katie M. Foster [name of document signer] personally appeared, proved to me through satisfactory evidence of identification, which were MA Driver's License [type of identification], to be the person whose name is signed on the preceding or attached document, and acknowledged to me that he/she signed it voluntarily for its stated purpose.

(as partner for \_\_\_\_\_, a partnership)  
(as Director for Olympus, a corporation)  
(as attorney in fact for \_\_\_\_\_, the principal)  
(as \_\_\_\_\_ for \_\_\_\_\_, (a) (the) \_\_\_\_\_)

[Seal]



  
[Notary Public Signature]

## COOPERATIVE PURCHASING/ OTHER AGENCY CLAUSE

(To Be Submitted with Bid)

For the term of the contract and any mutually agreed extension pursuant to this request for bids, and at the option of the successful bidder, the Rancho Santiago Community College District specifies that other public school districts, community college districts or other public agencies in the State of California may purchase, lease-purchase or rent the identical item(s) at the same or lower price and upon the same terms and conditions (hereinafter referred to as "Piggyback Bid") pursuant to Public Contract Code sections 20118 and 20652. Unless incidental to the lease or purchase, any public works labor is specifically excluded from the Piggyback Bid.

The Rancho Santiago Community College District waives its right to require such other public entities to draw their warrants in favor of the Rancho Santiago Community College District and authorizes each district/ agency to make payment to the successful bidder.

Please check one:

- ☐ Bidder AGREES to allow other public agencies as noted above to piggyback off this bid proposal.
- ☒ Bidder DOES NOT AGREE to allow other public agencies as noted above to piggyback off this bid proposal.

Katie M. Foster

Proper Name of Bidder

Katie M Foster

Signature

By: 3/27/2020

**STATEMENT OF COMPLIANCE**  
(To Be Submitted with Bid)

THIS IS TO CERTIFY that I have read all bid documents including the Information for Bidders, District Insurance Requirements and General Conditions of **Bid #1383– Purchase of Microscopes for the New Science at Santa Ana College**, and, will comply therewith.

Olympus America  
Name of Vendor

By: Kam Josh  
Signature of Authorized Official

Date: 3/27/2020



**BID FORM**

(To Be Submitted with Bid)

Name of Vendor: Olympus America, Inc.

To: Rancho Santiago Community College District, acting by and through its Governing Board, herein called the "District".

1. Pursuant to the Notice Calling for Bids and the other documents relating thereto, the undersigned Vendor, having become familiarized with the complete contract, the local conditions affecting the performance of the work/service and the cost of the work/service at the locations where the work/service is to be done, hereby proposes and agrees to be bound by all terms and conditions of the complete contract and agrees to perform, within the time stipulated, the contract, including all of its component parts, and everything required to be performed, and to provide and furnish and pay for any and all of the labor, materials, tools, equipment, and all applicable taxes, permit fees and transportation necessary to perform the work/service and complete in a good workmanlike manner all of the work/service required in conformance with applicable safety orders, in connection with the following:

Bid No: **1383**  
 Service: **Purchase of Microscopes for the New Science Center at Santa Ana College**

All in strict conformity with the complete Purchase Agreement Form including any and all issued addenda.

2. Vendor acknowledges the following addenda:

Number	Number	Number	Number	Number	Number	Number	Number
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>			

Acknowledge the inclusion of all addenda issued prior to bid in the blanks provided above. Your failure to do so may render your bid non-responsive.

3. See attached Bid Form- Price Sheet at the end of this Bid Form to be completed and submitted by the Vendor.

4. It is understood that the District reserves the right to reject this bid and that this bid shall remain open and not be withdrawn for the period specified in the Information for Bidders.

5. It is understood and agreed that if written notice of the acceptance of this bid is mailed, emailed, or delivered to the Vendor after the opening of the bid, and within the time this bid is required to remain open, or at any time thereafter before this bid is withdrawn, the Vendor will execute and deliver to the District the Purchase Agreement Form and all other required documents. The Vendor further agrees that the work/service under the Agreement shall be commenced by the Vendor, if awarded the contract, on the date shown on the Purchase Agreement Form and shall be completed by the Vendor in accordance with the Purchase Agreement Form.

6. In submitting this bid, the Vendor offers and agrees that if the bid is accepted, it will assign to District all rights, title and interest in and to all causes of action it may have under Section 4 of the Clayton Act (15 U.S.C. Section 15) or under the Cartwright Act (Business & Professions Code Section 16700 et seq.) arising from purchases of goods, materials, or services by the Vendor for sale to the District pursuant to the bid. Such assignment shall be made and become effective at the time the District tenders final payment under the Contract. (Public Contract Code Section 7103.5; Government Code Section 4552).

7. It is understood and agreed that should Vendor fail or refuse to return complete and submit other required documents to the District within the time specified, may result in delays in the work/service and possible rejection of the Vendor and forfeiture of its bid security.

8. The Vendor hereby certifies that it is, and at all times during the performance of work/service hereunder shall be, in full compliance with the provisions of the Immigration Reform and Control Act of 1986 ("IRCA") in the hiring of its employees, and the Vendor shall indemnify, hold harmless and defend the District against any and all actions, proceeding, penalties or claims arising out of the Vendor's failure to comply strictly with the IRCA.

9. The Vendor agrees to comply with the District's policies and administrative regulations governing gifts including, but not limited to, Board Policy 3821.

10. All required documents listed in the bid are attached. The Vendor declares that he/she has carefully examined the bid documents and all other documents and requirements that are attached to and/or contained in this bid, all other documents issued to bidders and read the accompanying instructions to bidders, and hereby proposes and agrees, if this proposal is accepted, to furnish all Products and do all work required to complete the said work in accordance with the bid documents, in the time and manner therein prescribed for the cost amounts set forth in this Bid Form.

11. Pricing Requirements.

- a. Vendors are required to provide Unit Costs for the Products specified for all line items in the Bid Form- Price Sheet attached hereto. Failure to provide prices for all line items may render the Vendor's bid non-responsive. If any line item involves no cost, Vendors shall write "\$0" or "No Cost" for such line items.
- b. This bid is for an indefinite-quantity of materials and equipment specified or as determined herein and effective for the period stated below and in the Purchase Agreement Form.
- c. The Vendor's Unit Cost must be all inclusive and shall include, without limitation, all equipment, supplies, calibration, training and demonstrations to the reasonable satisfaction of the District, shipping, delivery, unpacking and set-up, and must be all inclusive and must contain all appropriate contingencies and markups such as the Vendor's overhead, profit, social security contribution, general insurances, workers' compensation insurance, state unemployment insurance, federal unemployment insurance, delivery costs, transportation, incidental tools and equipment, and any other contingencies in connection therewith since no allowance will be made later for additional costs or claims.
- d. Vendors are cautioned to check and confirm all amounts and calculations set forth herein and that all required information is provided and all required blanks are filled in. If there are any conflicts, discrepancies, mathematical errors or ambiguities in any quantity, unit cost, total cost or extension of costs, the District, in its sole discretion, may reconcile any conflicts, discrepancies, mathematical errors or ambiguities by using the data provided that will result in the more restrictive and higher price, quantity and total, and the bidder agrees to be bound by the District's reconciliation. If the District cannot reconcile any conflicts, discrepancies, mathematical errors or ambiguities by using the data provided, the District may deem such bid non-responsive.
- e. Proposals in which the prices are, in the District's evaluation and opinion, unbalanced, and those which are incomplete or show any alteration of form, or contain any additions or conditional or alternate bids that are not called for or otherwise permitted, may be rejected as non-responsive. If, in the District's sole discretion, it determines any pricing, costs or other information submitted by a bidder may result in an unbalanced bid, the District may deem such bid non-responsive.

- f. All Products shall be provided only as authorized by Purchase Orders issued by the District. Bidders shall furnish to the District, when and if ordered, the Products specified in the Bid Form-Price Sheet as requested by the District. All Purchase Orders issued by the District shall be subject to the terms and conditions of this bid and the Purchase Agreement Form.
- g. The District does not warrant or otherwise guarantee any minimum or maximum quantity of Products it will request from the Vendor. There is no limit on the number of Purchase Orders that may be issued. The District may issue Purchase Orders requiring Products at multiple destinations or Products at multiple locations within the District.
- h. Bidders have the option to provide quantity discounts for any line item as noted in the Bid Form-Price Sheet. This option is not mandatory. Any quantity discounts should be provided for each separate line item and bidders shall not provide quantity discounts by grouping separate line items together or condition a quantity discount for one line item with any other line item. Any proposed quantity discounts shall not amend or revise any requirements in the bid documents and must be clearly stated. It is the bidder's sole responsibility to fully explain any quantity discounts offered. If, in the District's sole discretion, the quantity discount offered amends or revises any requirements in the bid documents, or is unclear, ambiguous or lacks details, the District reserves its right to not apply such discount(s) to determine the lowest bid.
- i. The Unit Costs and any quantity discounts provided by the bidder are to remain unchanged throughout the first year of the contract. During option years, Unit Costs may be adjusted upon exercising the options in accordance with the Section, "Adjustments to Unit Costs for Option Years" below.
- j. Based on the Vendor's unit pricing set forth in the Bid Form- Price Sheet, the District will apply the Unit Costs and applicable quantity discounts to a sample purchase scenario developed by the District for typical quantities the District anticipates it will require for the Science Center at Santa Ana College and other sites. The sample purchase scenario used to determine the low bidder will be sealed and only disclosed and provided to bidders at the time of bid opening and prior to the opening of bids. The District reserves the right to evaluate bids received for 30 days before determining the lowest responsive responsible bidder(s) based on the sample purchase scenario. The District will take the subtotals for all line items in the sample purchase scenario based on the Vendor's Unit Costs and applicable quantity discounts and then add any applicable tax (9.25%) as required to calculate the grand total which shall be the basis to determine the lowest bid amount. Bidders are only required to provide the Unit Costs and discounts on the Bid Form- Price Sheet.

## 12. Adjustments to Unit Costs for Option Years.

The Unit Costs set forth in the Bid Form- Price Sheet, which shall be the basis for the District to pay the Vendor, may be adjusted annually on the date set forth in the Purchase Agreement Form pursuant to the following formula, provided the Vendor submits a request for a price adjustment to the District in writing no later than 60 days of the date of the Purchase Agreement Form each year. The "Unit Cost Adjustment" shall be calculated as follows:

- a. The current year Unit Costs multiplied by the Consumer Price Index for the prior year, rounded to the nearest dollar. The Consumer Price Index is defined as the Los Angeles-Riverside-Orange County, California Consumer Price Index, Housing, All Urban Consumers, as published by the U.S. Department of Labor, Bureau of Labor Relations for the month of April of each year.
- b. If the Vendor does not provide the District with a requested price increase as set forth above, and the District renews the contract as set forth in the Purchase Agreement Form, Vendor agrees to provide all services or materials in accordance with the pricing stated in the Bid Form- Price Sheet or the last approved Unit Cost Adjustment.

Refer to the bid scenario  
evaluation sent as separate file

Shipping was added  
based on quantities

<b>BID FORM – PRICE SHEET</b> (To Be Submitted with Bid) <b>Bid #1383 Purchase of Microscopes for the New Science Center at Santa Ana College</b> <b>Note: Bidders are required to refer to Attachment "A" to Bid Form for detailed requirements and descriptions</b> <b>PLEASE REFER TO ATTACHMENT B FOR ADDITIONAL RELEVANT DOCUMENTATION</b>					
Item#	Class Type & Location (See Attachment A for Details)	Description	Base Model Type (Or Equal)	Unit Cost	Quantity Discounts (Optional)
1	Molecular Cell Biology Lab Science Center 212  Microbiology Lab Science center 216  Organismal Lab (Zoology/Botany) Science Center 226	Student Compound Microscope (with all features noted)	Olympus CX23 Or Equal (with all features noted)  Model Type:  <hr/> (Insert approved substitution if other than Olympus)	CX23-RSCC-CLASS-1  \$1,530.00  *Item components detailed in attachment A document	<u><b>1 – 10 Units (10%)</b></u> \$1,377.00/unit Shipping \$40 Flat Rate  <u><b>11 – 50 Units (25%)</b></u> \$1,147.50/unit Shipping \$6/unit  <u><b>51 – 100 units (30%)</b></u> \$1,071.00/unit Shipping \$6/unit  <u><b>101+ Units (35%)</b></u> \$994.50/unit Shipping \$5/unit
2	Molecular Cell Biology Lab Science Center 212  Microbiology Lab Science Center 216  General Biology Lab Science Center 218  Organismal Lab (Zoology/Botany) Science Center 26	Student (Dissecting) Stereomicroscope (with all features noted)	Olympus SZ61 Or Equal (with all features noted)  Model Type:  <hr/> (Insert approved substitution if other than Olympus)	SZ61-RSCC-CLASS-2  \$2,701.00  *Item components detailed in attachment A document	<u><b>1 – 10 Units (10%)</b></u> \$2,430.90/unit Shipping \$40 Flat Rate  <u><b>11 – 50 Units (25%)</b></u> \$2025.75/unit Shipping \$6/unit  <u><b>51 – 100 units (30%)</b></u> \$1,890.70/unit Shipping \$6/unit  <u><b>101+ Units (35%)</b></u> \$1,755.65/unit Shipping \$5/unit

<b>BID FORM – PRICE SHEET</b> (To Be Submitted with Bid) <b>Bid #1383 Purchase of Microscopes for the New Science Center at Santa Ana College</b> <b>Note: Bidders are required to refer to Attachment "A" to Bid Form for detailed requirements and descriptions</b>					
Item#	Class Type & Location (See Attachment A for Details)	Description	Base Model Type (Or Equal)	Unit Cost	Quantity Discounts (Optional)
3	Molecular Cell Biology Lab Science Center 212  Microbiology Lab Science Center 216  Organismal Lab (Zoology/Botany) Science Center 226	Instructor Compound Microscope with LED Pointer and Digital Camera (with all features noted)	Olympus CX43 Or Equal (with all features noted)  Model Type:  <hr/> (Insert approved substitution if other than Olympus)	CX43-RSCC-CLASS-3  \$7,063.00  *Item components detailed in attachment A document	<u><b>1 – 10 Units (10%)</b></u> \$6,356.70/unit Shipping \$50 Flat Rate  <u><b>11 – 50 Units (25%)</b></u> \$5,297.25/unit Shipping \$7/unit  <u><b>51 – 100 units (30%)</b></u> \$4,944.10/unit Shipping \$7/unit  <u><b>101+ Units (35%)</b></u> \$4,590.95/unit Shipping \$6/unit
4	Physiology Lab Science Center 213	Student Compound Microscope (with all features noted)	Olympus CX23 Or Equal (with all features noted)  Model Type:  <hr/> (Insert approved substitution if other than Olympus)	CX23-RSCC-CLASS-4  \$1,275.00  *Item components detailed in attachment A document	<u><b>1 – 10 Units (10%)</b></u> \$1,147.50/unit Shipping \$40 Flat Rate  <u><b>11 – 50 Units (25%)</b></u> \$956.25/unit Shipping \$6/unit  <u><b>51 – 100 units (30%)</b></u> \$892.50/unit Shipping \$6/unit  <u><b>101+ Units (35%)</b></u> \$828.75/unit Shipping \$5/unit

**BID FORM – PRICE SHEET** (To Be Submitted with Bid)

**Bid #1383 Purchase of Microscopes for the New Science Center at Santa Ana College**

Note: Bidders are required to refer to Attachment "A" to Bid Form for detailed requirements and descriptions

Item#	Class Type & Location (See Attachment A for Details)	Description	Base Model Type (Or Equal)	Unit Cost	Quantity Discounts (Optional)
5	Physiology Lab Science Center 213  Anatomy Lab Science Center 217	Instructor Compound Microscope with LED Pointer and digital Camera (with all features noted)	Olympus CX43 Or Equal (with all features noted)  Model Type:  <hr/> (Insert approved substitution if other than Olympus)	CX43-RSCC-CLASS-5  \$6,292.00  *Item components detailed in attachment A document	<u><b>1 – 10 Units (10%)</b></u> \$5,662.80/unit Shipping \$50 Flat Rate  <u><b>11 – 50 Units (25%)</b></u> \$4,719.00/unit Shipping \$7/unit  <u><b>51 – 100 units (30%)</b></u> \$4,404.40/unit Shipping \$7/unit  <u><b>101+ Units (35%)</b></u> \$4,089.80/unit Shipping \$6/unit
6	Anatomy Lab Science Center 217	Student Compound Microscope (with all features noted)	Olympus CX23 Or Equal (with all features noted)  Model Type:  <hr/> (Insert approved substitution if other than Olympus)	CX23-RSCC-CLASS-6  \$1,230.00  *Item components detailed in attachment A document	<u><b>1 – 10 Units (10%)</b></u> \$1,107.00/unit Shipping \$40 Flat Rate  <u><b>11 – 50 Units (25%)</b></u> \$922.50/unit Shipping \$6/unit  <u><b>51 – 100 units (30%)</b></u> \$861.00/unit Shipping \$6/unit  <u><b>101+ Units (35%)</b></u> \$799.50/unit Shipping \$5/unit

<b>BID FORM – PRICE SHEET</b> (To Be Submitted with Bid) <b>Bid #1383 Purchase of Microscopes for the New Science Center at Santa Ana College</b> <b>Note: Bidders are required to refer to Attachment "A" to Bid Form for detailed requirements and descriptions</b>					
Item#	Class Type & Location (See Attachment A for Details)	Description	Base Model Type (Or Equal)	Unit Cost	Quantity Discounts (Optional)
7	General Biology Lab Science Center 218	Student Compound Microscope (with all features noted)	Olympus CX23 Or Equal (with all features noted)  Model Type:  <hr/> (Insert approved substitution if other than Olympus)	CX23-RSCC-CLASS-7  \$1,227.00  *Item components detailed in attachment A document	<u><b>1 – 10 Units (10%)</b></u> \$1,104.30/unit Shipping \$40 Flat Rate  <u><b>11 – 50 Units (25%)</b></u> \$920.25/unit Shipping \$6/unit  <u><b>51 – 100 units (30%)</b></u> \$858.90/unit Shipping \$6/unit  <u><b>101+ Units (35%)</b></u> \$797.55/unit Shipping \$5/unit
8	Organismal Lab (Zoology/Botany) Science Center 226	Instructor (Dissecting) Stereomicroscope with Digital Camera (with all features noted)	Olympus SZ61 Or Equal (with all features noted)  Model Type:  <hr/> (Insert approved substitution if other than Olympus)	SZ61-RSCC-CLASS-8  \$11,136.00  *Item components detailed in attachment A document	<u><b>1 – 10 Units (10%)</b></u> \$10,022.40/unit Shipping \$60 Flat Rate  <u><b>11 – 50 Units (25%)</b></u> \$8,352.00/unit Shipping \$8/unit  <u><b>51 – 100 units (30%)</b></u> \$7,795.20/unit Shipping \$8/unit  <u><b>101+ Units (35%)</b></u> \$7,238.40/unit Shipping \$7/unit

**BID FORM – PRICE SHEET** (To Be Submitted with Bid)**Bid #1383 Purchase of Microscopes for the New Science Center at Santa Ana College**

Note: Bidders are required to refer to Attachment "A" to Bid Form for detailed requirements and descriptions

Item#	Class Type & Location (See Attachment A for Details)	Description	Base Model Type (Or Equal)	Unit Cost	Quantity Discounts (Optional)
8	Organismal Lab (Zoology/Botany) Science Center 226	Instructor (Dissecting) Stereomicroscope with Digital Camera (with all features noted)	Olympus SZ61 Or Equal (with all features noted) Model Type:  (Insert approved substitution if other than Olympus)	see previous page.	

We (I) hereby agree to furnish the above supplies, equipment, calibration, training and demonstrations to the reasonable satisfaction of the District at the prices and terms stated in this bid. Pricing includes shipping, delivery, unpacking, set-up and all other costs in the "Pricing Requirements" section of the Bid Form above. The undersigned hereby declares that all of the representations of this bid are accurate and complete and made under penalty of perjury under the laws of the State of California.

Company Name: Olympus America, Inc.Address/city/State/Zip: 48 Wood Ave / Waltham / MA / 02453Phone Number: 781-419-3900Email: marx.eastman@olympus.com and ssg.contracts@olympus.comAuthorized Signature: Katie M. FosterPrinted Name: Katie M. FosterTitle: Director, Customer CareDate: 3/27/2020



**Attachment A: Component detail for Item Class Types #1 - #8**

<b>CLASS TYPE 1: STUDENT COMPOUND MICROSCOPE - RMs 212 (42), 216 (42), &amp; 226 (42)</b>		
<b>CX23-RSCC-CLASS-1</b>	<b>CX23 STUDENT COMPOUND MICROSCOPE 4/10/40/100 W/ POINTER &amp; LINEAR RETICLE</b>	
<b>Component Part#</b>	<b>Qty.</b>	<b>Description</b>

CX23LRFS1-3	1	CX23LED RFS1-3; CX23 Upright Microscope Set, Binocular Head, Right-Hand Stage Controller, 4x, 10x, 40x, 100XO Objectives, Eyepieces, LED Illumination
UYCP-11	1	UYCP-11; US Style 3-prong Power Cord
9-U210	1	U-OCM10/100; Eyepiece reticle: 1mm micrometer. 0.1mm intervals. 24mm diameter for WHN, WH, WHS eyepieces
B-0681	1	EYEPIECE POINTER WITH SHARPENED POINTS FOR CH2,CH30

<b>CLASS TYPE 2: STUDENT STEREOMICROSCOPES - RMs 212 (42), 216 (10), 218 (42), &amp; 226 (42)</b>		
<b>SZ61-RSCC-CLASS-2</b>	<b>SZ61 STUDENT STEREOMICROSCOPE WITH LED TRANSMITTED &amp; REFLECTED BASE</b>	
<b>Component Part#</b>	<b>Qty.</b>	<b>Description</b>

SZ-6145	1	SZ61; MICROSCOPE BODY W/ESD CAPABILITY, 0.67-4.5X ZOOM OPTICS
2-S110H	1	WHSZ10X-H; EYEPIECE 10X WITH ESD CAPABILITY, FN22, FOCUSABLE
2-S110	1	WHSZ10X
S-01307	1	SZ2-ILST-1-8; TRANS & REF LIGHT LED ILL STAND, ROHS, WEEE
UYCP-11	1	UYCP-11; US Style 3-prong Power Cord

<b>CLASS TYPE 3: INSTRUCTOR COMPOUND MICROSCOPE (LED POINTER &amp; DIGITAL CAMERA) - RMs 212 (1), 216 (2), &amp; 226 (1)</b>		
<b>CX43-RSCC-CLASS-3</b>	<b>CX43 INSTRUCTOR COMPOUND MICROSCOPE 4/10/40/100 W/ LED POINTER &amp; DIGITAL CAMERA</b>	
<b>Component Part#</b>	<b>Qty.</b>	<b>Description</b>

CX43RF2	1	CX43RF-1-2; CX43 Upright Microscope Frame, Right-Hand Stage Controller, Fixed Condenser, LED Illumination
UYCP-11	3	UYCP-11; US Style 3-prong Power Cord
2-U0502	2	WHB10X; WIDEFIELD 10X EYEPIECE FN20
3-U1152	1	U-CTR30-2-2; TRINOCULAR OBSERVATION TUBE, 50/50 LIGHT SPLIT
1-U2B0522	1	PLCN4X-1-7; PLAN ACHROMAT 4X OBJECTIVE, NA 0.10, WD 18.5MM
1-U2C0532	1	PLCN10XPH-1-7; PLAN C ACHROMAT 10X PH OBJ, PH1, NA 0.25, WD 10.6MM
1-U2C0572	1	PLCN40XPH-1-7; PLAN C ACHROMAT 40X OBJ, PH2, NA 0.65, WD 0.6MM
1-U2C0652	1	PLCN100XOPH-1-7; PLAN C ACHROMAT 100X OIL OBJ, PH3, NA 1.25, WD 0.15MM
U-DO406	1	U-APT-1-6; ARROW POINTER, RED GREEN LED, W PWR SUPPLY
SIS-EP50	1	EP50; 1/1.8", 5MP color CMOS, 60fps for HDMI, 25fps for WLAN, HDMI, USB2.0 for WLAN adapter, a mouse, or Ethernet adapter. Incl. SD card, HDMI cable, Ethernet adapter, AC adapter, USB mouse. Not incl. WLAN adapter, power cord
SIS-EP50WIFI	1	WLAN adapter for EP50
U-V135C27	1	U-TV0.35XC-2-7; CCD CAMERA ADAPTER, 0.35X, C-MOUNT THREAD
OMT-005	1	LOGO CLOTH DUSTCOVER 22X21, ANTI-STATIC FOR CX

<b>CLASS TYPE 4: STUDENT COMPOUND MICROSCOPE - RM 213 (42)</b>		
<b>CX23-RSCC-CLASS-4</b>	<b>CX23 STUDENT COMPOUND MICROSCOPE 4/10/40 W/ POINTER &amp; LINEAR RETICLE</b>	
<b>Component Part#</b>	<b>Qty.</b>	<b>Description</b>

CX23LRFS2-3	1	CX23LED RFS2-1-3; CX23 Upright Microscope Set, Binocular Head, Right-Hand Stage Controller, 4x, 10x, 40x Objectives, Eyepieces, LED Illumination
UYCP-11	1	UYCP-11; US Style 3-prong Power Cord
9-U210	1	U-OCM10/100; Eyepiece reticle: 1mm micrometer. 0.1mm intervals. 24mm diameter for WHN, WH, WHS eyepieces
B-0681	1	EYEPIECE POINTER WITH SHARPENED POINTS FOR CH2,CH30

**CLASS TYPE 5: INSTRUCTOR COMPOUND MICROSCOPE - RMs 213 (1) & 217 (1)****CX43-RSCC-CLASS-5****CX43 INSTRUCTOR COMPOUND MICROSCOPE 4/10/40 W/ LED POINTER & DIGITAL CAMERA**

Component Part#	Qty.	Description
CX43RF2	1	CX43RF-1-2; CX43 Upright Microscope Frame, Right-Hand Stage Controller, Fixed Condenser, LED Illumination
UYCP-11	3	UYCP-11; US Style 3-prong Power Cord
2-U0502	2	WHB10X;WIDEFIELD 10X EYEPIECE FN20
3-U1152	1	U-CTR30-2-2;TRINOCULAR OBSERVATION TUBE,50/50 LIGHT SPLIT
1-U2B0522	1	PLCN4X-1-7; PLAN ACHROMAT 4X OBJECTIVE, NA 0.10, WD 18.5MM
1-U2C0532	1	PLCN10XP-1-7; PLAN C ACHROMAT 10X PH OBJ, Ph1, NA 0.25, WD 10.6MM
1-U2C0572	1	PLCN40XP-1-7; PLAN C ACHROMAT 40X OBJ, PH2, NA0.65, WD0.6MM
U-DO406	1	U-APT-1-6; ARROW POINTER, RED GREEN LED, W PWR SUPPLY
SIS-EP50	1	EP50; 1/1.8", 5MP color CMOS, 60fps for HDMI, 25fps for WLAN, HDMI, USB2.0 for WLAN adapter, a mouse, or Ethernet adapter. Incl. SD card, HDMI cable, Ethenet adapter, AC adapter, USB mouse. Not incl. WLAN adapter, power cord
SIS-EP50WIFI	1	WLAN adapter for EP50
U-V135C27	1	U-TV0.35XC-2-7; CCD CAMERA ADAPTER, 0.35X, C-MOUNT THREAD
OMT-005	1	LOGO CLOTH DUSTCOVER 22X21, ANTI-STATIC FOR CX

**CLASS TYPE 6: STUDENT COMPOUND MICROSCOPES - RMs 217 (42)****CX23-RSCC-CLASS-6****CX23 STUDENT COMPOUND MICROSCOPE 4/10/40 W/ POINTER**

Component Part#	Qty.	Description
CX23LRFS2-3	1	CX23LEDRFS2-1-3; CX23 Upright Microscope Set, Binocular Head, Right-Hand Stage Controller, 4x, 10x, 40x Objectives, Eyepieces, LED Illumination
UYCP-11	1	UYCP-11; US Style 3-prong Power Cord
B-0681	1	EYEPIECE POINTER WITH SHARPENED POINTS FOR CH2,CH30

**CLASS TYPE 7: STUDENT COMPOUND MICROSCOPE - RM 218 (42)****CX23-RSCC-CLASS-7****CX23 STUDENT COMPOUND MICROSCOPE 4/10/40**

Component Part#	Qty.	Description
CX23LRFS2-3	1	CX23LEDRFS2-1-3; CX23 Upright Microscope Set, Binocular Head, Right-Hand Stage Controller, 4x, 10x, 40x Objectives, Eyepieces, LED Illumination
UYCP-11	1	UYCP-11; US Style 3-prong Power Cord

**CLASS TYPE 8: INSTRUCTOR STEREOMICROSCOPE - RM 226 (1)****SZ61-RSCC-CLASS-8****SZ61TR INSTRUCTOR STEREOMICROSCOPE WITH LED BASE, BOOMSTAND, & 4 LED GOOSENECK UNITS**

Component Part#	Qty.	Description
SZ-6145TR	1	SZ6145TR;MICROSCOPE BODY W/0.67-4.5X ZOOM OPTICS, 45DEGREE & CM
2-S110H	1	WHSZ10X-H;EYEPIECE 10X WITH ESD CAPABILITY, FN22, FOCUSABLE
2-S110	1	WHSZ10X
S-01307	1	SZ2-ILST-1-8;TRANS & REF LIGHT LED ILL STAND, ROHS, WEEE
UYCP-11	6	UYCP-11; US Style 3-prong Power Cord
SIS-EP50	1	EP50; 1/1.8", 5MP color CMOS, 60fps for HDMI, 25fps for WLAN, HDMI, USB2.0 for WLAN adapter, a mouse, or Ethernet adapter. Incl. SD card, HDMI cable, Ethenet adapter, AC adapter, USB mouse. Not incl. WLAN adapter, power cord
SIS-EP50WIFI	1	WLAN adapter for EP50
5-S331	4	SZ2-CLS; LED LIGHT GUIDE ILLUMINATOR, INCL SZ2-ST ADAPT, AC ADAPT, NO POWER CORD
5-S338-2	4	SZ2-CLGDI-1-2; DUAL GOOSENECK LIGHT GUIDE FOR SZ2-CLS
5-S347	8	SZ2-CLGCL; COLLECTOR LENS FOR SZ2-CLGSI OR SZ2-CLGDI
DI-SMS25	1	MED DUTY ARTICULATING ARM BOOM STAND
DI-118	1	118;TILTING MOUNT FOR 32MM
S-02682	1	SZ2-ST5;MOUNTING ARM FOR SZX W/ ESD CAPABILITY
S-02802	1	SZ-LGR66;RING LIGHT ADAPTER FOR SZ51 & SZ61
OTQ-P466CW4XXW	1	ProLine 40, 66MM, Cool White, Short WD, 4 Segment, No ESD, Wall Plug USA
OMT-005	1	LOGO CLOTH DUSTCOVER 22X21, ANTI-STATIC FOR CX

ATTACHMENT B - PRICE PROPOSAL BREAKDOWN & CLASS TYPE DETAIL										
PART NUMBER	DESCRIPTION	UNIT LIST PRICE	1-10 units (10%)	Shipping Rate	11-50 units (25%)	Shipping Rate	51 - 100 units (30%)	Shipping Rate	101 units + (35%)	Shipping Rate
CX23-RSCC-CLASS-1	CX23 STUDENT COMPOUND MICROSCOPE 4/10/40/100 W/ POINTER & LINEAR RETICLE	\$ 1,530.00	\$ 1,377.00	\$40 flat	\$ 1,147.50	\$6 per system	\$ 1,071.00	\$6 per system	\$ 994.50	\$5 per system
SZ61-RSCC-CLASS-2	SZ61 STUDENT STEREOMICROSCOPE WITH LED TRANSMITTED & REFLECTED BASE	\$ 2,701.00	\$ 2,430.90	\$40 flat	\$ 2,025.75	\$6 per system	\$ 1,890.70	\$6 per system	\$ 1,755.65	\$5 per system
CX43-RSCC-CLASS-3	CX43 INSTRUCTOR COMPOUND MICROSCOPE 4/10/40/100 W/ LED POINTER & DIGITAL CAMERA	\$ 7,063.00	\$ 6,356.70	\$50 flat	\$ 5,297.25	\$7 per system	\$ 4,944.10	\$7 per system	\$ 4,590.95	\$6 per system
CX23-RSCC-CLASS-4	CX23 STUDENT COMPOUND MICROSCOPE 4/10/40 W/ POINTER & LINEAR RETICLE	\$ 1,275.00	\$ 1,147.50	\$40 flat	\$ 956.25	\$6 per system	\$ 892.50	\$6 per system	\$ 828.75	\$5 per system
CX43-RSCC-CLASS-5	CX43 INSTRUCTOR COMPOUND MICROSCOPE 4/10/40 W/ LED POINTER & DIGITAL CAMERA	\$ 6,292.00	\$ 5,662.80	\$50 flat	\$ 4,719.00	\$7 per system	\$ 4,404.40	\$7 per system	\$ 4,089.80	\$6 per system
CX23-RSCC-CLASS-6	CX23 STUDENT COMPOUND MICROSCOPE 4/10/40 W/ POINTER	\$ 1,230.00	\$ 1,107.00	\$40 flat	\$ 922.50	\$6 per system	\$ 861.00	\$6 per system	\$ 799.50	\$5 per system
CX23-RSCC-CLASS-7	CX23 STUDENT COMPOUND MICROSCOPE 4/10/40	\$ 1,227.00	\$ 1,104.30	\$40 flat	\$ 920.25	\$6 per system	\$ 858.90	\$6 per system	\$ 797.55	\$5 per system
SZ61-RSCC-CLASS-8	SZ61TR INSTRUCTOR STEREOMICROSCOPE WITH LED BASE, BOOMSTAND, & 4 LED GOOSENECK UNITS	\$ 11,136.00	\$ 10,022.40	\$60 flat	\$ 8,352.00	\$8 per system	\$ 7,795.20	\$8 per system	\$ 7,238.40	\$7 per system

## LOCAL HIRE AND LOCAL BUSINESS PARTICIPATION

(To Be Submitted with Bid)

The Rancho Santiago Community College District is interested in furthering opportunities for Local Hires and Local Businesses and the Board of Trustees has established a goal of 50% participation of "Local Hires" and 25% participation of "Local Businesses" for various capital construction projects. It is the intent of the District to not only meet these goals, but to exceed them. As used in this Exhibit, "Local Hire" and "Local Business" is defined as follows:

"Local Hire" means an individual who resides in the following zip codes: 92602, 92606, 92610, 92612, 92614, 92618, 92620, 92626, 92627, 92660, 92675, 92676, 92679, 92688, 92701, 92703, 92704, 92705, 92706, 92707, 92708, 92780, 92782, 92802, 92805, 92806, 92807, 92808, 92840, 92843, 92861, 92862, 92865, 92866, 92867, 92868, 92869, 92883, or 92887. Local Hire shall also mean a "veteran" as defined in Military and Veterans Code section 980, who possesses a current and valid DD Form 214 card. Local Hire shall also mean any current or former student that the District determines is or was enrolled as a student at one of the District's colleges.

"Local Business" means a business that has its principal headquarters or permanently staffed regional office and that has held a business license within the zip codes listed above for Local Hire for a minimum of three months prior to the date the Vendor submits a response to this Bid. Local Business shall also mean any state or nationally certified minority-owned, women-owned, disabled veteran business, or veteran owned business (DD Form 214 Card) that has performed work for the District or other public agency within the zip codes listed above for Local Hire during the past four years. Local Business shall also mean a business that participates in an internship program that is currently approved or recognized by the District. The Consultant may also apply to obtain District approval of its internship program. Local Business shall also mean any Consultant that uses apprentices from a District approved apprenticeship program.

Please check all that apply to your business. If any are items are checked, please be prepared to provide certification upon request.

- ☒ Business is Local by Zip Code
- ☐ Minority Business Enterprise (MBE)
- ☐ Women Business Enterprise (WBE)
- ☐ Disabled Veteran Business Enterprise (DVBE)
- ☐ Veteran Owned Business

Olympus America  
Name of Vendor

By: Katie M. Foster  
Signature

Katie M. Foster  
Print Name

Director, Customer Care  
Title

3/27/2020  
Date

## PURCHASE AGREEMENT FORM

THIS AGREEMENT is hereby entered into this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_ by and between the RANCHO SANTIAGO COMMUNITY COLLEGE DISTRICT, hereinafter referred to as the DISTRICT, and

Olympus America, Inc. 11-2416961  
Company Name Taxpayer ID # or SSN

48 Woerd Ave., Waltham, MA 02453  
Mailing Address, City, State, Zip Code

Hereinafter referred to as VENDOR.

WHEREAS, the DISTRICT is authorized to contract with a VENDOR for the Purchase of Microscopes for the New Science Center at Santa Ana College.

IT IS THEREFORE AGREED AS FOLLOWS:

1. SCOPE OF WORK: The VENDOR shall furnish all labor, materials, equipment, tools, and perform and complete all work required in connection with the Purchase of Microscopes for the New Science Center at Santa Ana College in strict accordance with this AGREEMENT. The VENDOR shall be liable to the DISTRICT for any damages arising as a result of a failure to comply with that obligation. At the DISTRICT'S sole discretion, the DISTRICT shall be allowed to procure additional microscopes and related components for the Unit Costs and applicable quantity discounts provided by the VENDOR in its bid for other sites and projects for the term of this AGREEMENT.
2. PURCHASE ORDERS: The DISTRICT shall issue separate Purchase Orders for each procurement or request for Products. All Purchase Orders shall reference with bid and this AGREEMENT and shall be governed by this bid and this master AGREEMENT.
3. TERM OF AGREEMENT: The initial term of this AGREEMENT shall be for one year from the date first set forth above. Unit Costs and all applicable quantity discounts must stay in effect for at least one year from the date of this AGREEMENT. The initial term of this AGREEMENT may be extended in the DISTRICT'S and VENDOR's sole discretion if mutually agreed upon for four (4) additional one year terms; however, the total term of the AGREEMENT cannot exceed five years from the date of this AGREEMENT.
4. TIME OF COMPLETION: Once the VENDOR has received a signed AGREEMENT and a Purchase Order, the VENDOR shall deliver and perform all services and required installation of all Products to the specific locations as set forth in the Purchase Order for the DISTRICT'S acceptance and approval on or before the date set forth in the Purchase Order. This shall be called the Contract Time.
5. CONTRACT PRICE: The DISTRICT shall pay to the VENDOR as full consideration for the faithful performance of this AGREEMENT, the amount set forth in each Purchase Order issued pursuant to this AGREEMENT based on the applicable Unit Costs, applicable quantity discount, and any approved Unit Cost Adjustment, and this will be the Contract Price for each specific Purchase Order. The DISTRICT is not limited to any total amount of Products to be ordered under this AGREEMENT and no guarantee is made or implied regarding the amount of Products to be provided by the VENDOR. There is no express or implied guarantee to the VENDOR that any unit price line items will be requested by the District under this AGREEMENT. VENDOR agrees and acknowledges that the DISTRICT may undertake work of a similar nature and scope as set forth in this AGREEMENT under separate contracts, purchase orders, etc. with other vendors.
6. EXTRA AND/OR ADDITIONAL CHANGES: Should the DISTRICT at any time during the performance of

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this AGREEMENT, request any alterations, deviations, additions, or omissions from this AGREEMENT, it shall be at liberty to do so, and the same shall in no way affect or make void this AGREEMENT, but the cost will be added to or deducted from the amount of the Contract Price, as the case may be, by a fair and reasonable valuation.

7. LICENSURE: The VENDOR shall ensure that any and all work it performs, or that is performed on its behalf, in order to provide the required services shall be performed by persons appropriately licensed. The VENDOR'S required licensure must be maintained throughout the duration of this AGREEMENT.

8. TAXES: The DISTRICT shall pay the state sales tax and use tax if applicable. The federal excise tax is not applicable, as community college districts are exempt therefrom. The DISTRICT shall furnish the VENDOR such tax certificates as may be required by the manufacturer or VENDOR. Any applicable tax which may be imposed by any governmental agency prior to delivery of merchandise shall be paid by the DISTRICT.

9. NOTICE OF OBJECTION: Notice is hereby given pursuant to Section 2207 of the Uniform Commercial Code of DISTRICT'S objection to all terms and conditions in addition to and different from these Terms and Conditions contained in any written acceptance or order confirmation which may be issued by VENDOR.

10. VARIATION BY AGREEMENT: Any of these terms and conditions which may conflict with the normal operation of any provision of the Uniform Commercial Code shall constitute a variation by agreement and have precedence.

11. DELIVERY: F.O.B. ~~Origin freight prepaid and added to the Member invoice as a separate line item destination and shall mean the VENDOR pays all shipping costs, and title to merchandise and vested interest shall transfer to the DISTRICT only when receipted for and accepted by the DISTRICT'S representative.~~ The foregoing is the DISTRICT'S policy. If an exception is made it will be limited to shipping costs. If such exception is made, VENDOR shall prepay and invoice the DISTRICT for actual shipping charges. ~~Ownership and vested interest in the merchandise shall remain with the VENDOR while in transit and title shall transfer to the DISTRICT only at such times as merchandise is received and accepted at the DISTRICT'S receiving points.~~ It shall be the responsibility of the VENDOR to trace any merchandise lost in transit and to seek damages from shipper for any merchandise damaged in transit it deems it in its best interest to do so. Delivery of all Products shall include all required installation services necessary so they made be used or be fit for their intended commercial purposes.

12. DISTRICT'S INSPECTION: All items shall be subject to the inspection of the DISTRICT. Inspection of the items shall not relieve the VENDOR from any obligation to fulfill this AGREEMENT. Defective items shall be made good by the VENDOR, and unsuitable items may be rejected, notwithstanding that such defective work and materials have been previously overlooked by the DISTRICT and accepted. If any item shall be found defective at any time before final acceptance of the complete delivery, the VENDOR shall forthwith remedy such defect in a manner satisfactory to the DISTRICT.

13. REMOVAL OF REJECTED ITEMS: All items rejected by the DISTRICT at any time prior to final inspection and acceptance shall at once be removed from the place of delivery by the VENDOR who shall assume and pay the cost thereof without expense to the DISTRICT, and shall be replaced by satisfactory items.

14. CASUALTY TO GOODS: Should loss or damage to the goods or any part thereof occur before DISTRICT takes delivery and possession at the destinations stated in this AGREEMENT, VENDOR shall, at its option, repair or replace the goods or such part thereof as DISTRICT demands at the destination at the same price stated in this AGREEMENT.

15. NON-CONFORMING GOODS: From date of receipt and for a period of 30 days thereafter, DISTRICT shall have the absolute right to reject any and all goods which fail in any respect to strictly conform to the functionality, requirements and intent of this AGREEMENT and/or approved seller submittals, catalogs and bulletins, which right may be exercised by DISTRICT at any time during this period regardless of any inspection, taking possession of, and payment for such goods by DISTRICT, none of which acts shall constitute acceptance of such goods by DISTRICT. Goods which fail to strictly conform to the functionality, requirements and intent (subject to the

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exceptions as agreed to) of this AGREEMENT and approved seller submittals, catalogs and bulletins, may be accepted by DISTRICT only by writing signed by DISTRICT expressly stating DISTRICT'S acceptance of such goods. VENDOR shall promptly remove all rejected goods at VENDOR'S sole cost and expense.

16. WARRANTY: ~~VENDOR shall warrant the Goods and Services according to the Warranty Guarantee Form and VENDOR's Limited Product Warranty, both of which are attached hereto and made a part hereof. In addition to any other applicable warranties or guarantees, VENDOR warrants all Products conform to the DISTRICT'S requirements and specifications herein, and the items and or material are fit for their intended commercial purposes. The DISTRICT and VENDOR agree that this purchase does not exclude, or in any way, limit other warranties provided for in this order or by law. VENDOR shall also warrant the item and or material to be free from defects in workmanship, materials, and design. VENDOR shall conform to the requirements of this AGREEMENT. VENDOR shall, at its sole expense and promptly after notification by the DISTRICT during the warranty period, correct or replace such defective material F.O.B. destination. The warranty period for such corrected or replaced material shall be an equal duration as the original warranty period and shall start upon acceptance of such corrected or replaced material.~~

← edited

17. STANDARD COMMERCIAL USE: The VENDOR, whether manufacturer, supplier, distributor, or retailer, hereby certifies that the Products offered under this AGREEMENT have been placed in regular commercial use and that adequate spare parts exist in the marketplace for the items sold. All manufacturers' standard warranties apply.

18. RIGHT TO WITHHOLD AMOUNTS AND MAKE APPLICATION THEREOF: The DISTRICT may authorize to withhold a sufficient amount or amounts of any payment otherwise due to the VENDOR, as in its judgment may be necessary to cover any defective items not remedied, and the DISTRICT may apply such withheld amount or amounts to the payment of such claims, in its discretion.

19. TIME OF ESSENCE: Time is of the essence in this AGREEMENT. All dates and times stated herein by which VENDOR shall ship and deliver the goods to DISTRICT within the Contract Time. Should VENDOR fail to so adhere to any such date and time requirement or should DISTRICT have good and reasonable cause to be insecure as to VENDOR'S ability to so adhere, and such delay in reasonable progress is caused by VENDOR or by those for whom VENDOR is legally responsible, then to that extent, DISTRICT shall have the right to require VENDOR, at VENDOR'S sole cost and expense, to work or cause to be worked overtime or premium time hours and/or to ship the goods by the most expeditious means available as reasonably determined solely by DISTRICT.

20. TERMINATION: DISTRICT shall have the right to terminate this AGREEMENT in whole or in part at any time and without cause or for DISTRICT'S convenience by written notice to VENDOR, and VENDOR shall immediately cease work hereunder on receipt of such notice. If the goods identified in this AGREEMENT are specially manufactured goods, and provided that VENDOR is not in breach of any duty or requirement of this AGREEMENT, DISTRICT shall pay VENDOR all actual costs of manufacturing all conforming finished goods in VENDOR'S possession or in shipment and goods in process of manufacture, including reasonable overhead cost as of the date of VENDOR'S receipt of notice of termination. If the goods are stock goods, rather than specially manufactured goods, and provided VENDOR is not in breach of any duty or requirement hereunder, DISTRICT shall only pay to VENDOR its reasonable re-stocking cost(s). In no event shall DISTRICT pay VENDOR or be liable to VENDOR for loss of any anticipated profits or consequential or incidental damages.

DISTRICT may also terminate this AGREEMENT for cause in the event of a default by VENDOR. In such event, DISTRICT shall not be liable to VENDOR for any amounts ~~that may become due, unless such amount relates to Goods or Services received by the District, and VENDOR shall be liable for, and shall hold DISTRICT harmless from, any damages occasioned by the VENDOR'S breach or default.~~ If it should be determined that the DISTRICT has improperly terminated this AGREEMENT for default, such termination shall be deemed to be for DISTRICT'S convenience.

← edited

~~In case of default by the VENDOR, the DISTRICT may procure the materials and supplies from other sources and may deduct the excess costs from any unpaid balance due the VENDOR. The prices so paid shall be considered the prevailing market price at the time such purchase is made. The VENDOR selling to the DISTRICT will not be held liable for failure or delay in fulfillment if hindered or prevented by fire, flood, strikes or acts of God as~~

← removed

| determined by the DISTRICT.



21. PATENT INDEMNITY: VENDOR warrants that it is fully vested with the right to sell and deliver the goods identified in this AGREEMENT, and that neither the sale of the goods nor their use by DISTRICT or persons in privity with DISTRICT, shall infringe any patent, license or copyright. VENDOR shall defend, save harmless and indemnify all entities listed as "DISTRICT" in this AGREEMENT and persons in privity with all entities listed as "DISTRICT" in this AGREEMENT from any and all claims, demands, judgments, liabilities, costs, fees and expenses, including attorneys' fees, arising out of and in connection with any breach of this warranty and any allegation that the sale and/or use of the goods identified in this AGREEMENT infringes any patent. This Patent Indemnity shall apply, provided District gives Vendor full and complete control over the defense of any allegation or claim of infringement, including the selection of counsel. Vendor shall obtain the Districts prior authorization before entering into any settlement that may impact the District monetarily or use of the Goods or Services. Olympus' Infringement Indemnity, a copy of which is attached hereto and incorporated herein by this reference, shall apply.

← edited

22. INDEMNITY: The VENDOR agrees to and does hereby indemnify and hold harmless the DISTRICT and its Board of Trustees, officers, and employees from liability of any nature or kind on account of:

← removed all and added last sentence

A) ~~Use of any copyrighted or uncopyrighted composition, secret process, patented or unpatented invention, article, or appliance furnished or used under this AGREEMENT;~~

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~~B) Liability for damages for (1) death or bodily injury to persons, (2) injury to property, (3) design defects or (4) any other loss, damage or expense arising under either (1), (2), or (3) above, sustained by the VENDOR or any person, firm or corporation employed by the VENDOR upon or in connection with the work called for in this AGREEMENT except for liability resulting from the sole negligence, willful misconduct or unlawful acts of the DISTRICT, its officers, employees, agents or independent contractors who are directly employed by the DISTRICT; and~~

~~C) Any injury to or death of persons or damage to property, sustained by any person, firm, or corporation, including the DISTRICT, arising out of, or in any way connected with the work covered by this AGREEMENT, whether said injury or damage occurs either on or off DISTRICT property, except for liability resulting from the sole negligence, willful misconduct or unlawful acts of the DISTRICT, its officers, employees, agents or independent contractors who are directly employed by the DISTRICT.~~

~~D) The VENDOR at his own cost, expense, and risk shall defend any and all actions, suits or other legal proceedings that may be brought or instituted against the DISTRICT or the Board, its officers and employees, on any such claim or demand referred to in Paragraphs A), B), C) above and pay or satisfy any judgment that may be rendered against any of them. Olympus' Product Liability Indemnity, a copy of which is attached hereto and incorporated herein by this reference, shall apply.~~

23. DUTY TO COOPERATE: VENDOR shall fully cooperate with DISTRICT in prosecuting or defending against any claim(s) against or by any third party(ies) the subject matter of which has to do with the goods identified in this AGREEMENT.

24. COMPLIANCE: VENDOR shall fully comply with all Federal and State laws, rules, ordinances and regulations applicable to and affecting the manufacture, sale, shipment and delivery of the goods identified in this AGREEMENT.

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25. NO ASSIGNMENT: No assignment by the VENDOR of any contract to be entered into hereunder or any part thereof, or of funds to be received hereunder by the VENDOR, will be recognized the DISTRICT unless such assignment has had the prior approval of the DISTRICT and the surety (if applicable) has been given due notice of such assignment in writing and consented thereto in writing.

26. GOVERNING LAW: This AGREEMENT shall be governed by the laws of the State of California.

27. RIGHTS CUMULATIVE: These terms and conditions are not intended and shall not in any way be construed to limit or restrict, the parties' rights and remedies at law and in equity, except as otherwise provided herein. Any failure or forbearance by either party to enforce any of these terms and conditions or any of its rights and remedies at law or in equity shall not constitute and shall not be asserted as a waiver or relinquishment of any rights and

remedies under this AGREEMENT, at law and in equity.

**28. FORCE MAJEURE:** In all events, contract dates for performance will be extended an equitable amount of time in the event of Force Majeure events which include for example: acts of God and the public enemy; labor related

event including strikes; fires; accidents; or other events which are beyond VENDOR'S reasonable control as determined by the DISTRICT.

29. CONSEQUENTIAL DAMAGES: To the extent permitted by law, if no event will either Party DISTRICT be liable to the other Party VENDOR for any incidental or consequential damages.

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30. INDEPENDENT CONTRACTOR: The VENDOR, while engaged in carrying out the terms and conditions of this AGREEMENT, is an independent contractor and not an officer or agent of the DISTRICT or DISTRICT'S Board.

31. PROVISIONS REQUIRED BY LAW: Each and every provision of law and clause required to be inserted in this AGREEMENT shall be deemed to be inserted herein, and this AGREEMENT shall be read and enforced as though it were included herein, and if through mistake or otherwise any such provision is not inserted or is not inserted correctly, then upon application of either party this AGREEMENT shall forthwith be physically amended to make such insertion or correction.

32. ANTI-DISCRIMINATION: In connection with all work performed under this AGREEMENT, there shall be no unlawful discrimination against any prospective or active employee engaged in the work because of race, color, ancestry, national origin, religious creed, sex, age, marital status, physical disability, mental disability, or medical condition. VENDOR agrees to comply with applicable Federal and State laws including, but not limited to, the California Fair Employment and Housing Act, beginning with Government Code Section 12900 and Labor Code Section 1735. In addition, the VENDOR agrees to require like compliance by any subcontractors employed by such VENDOR.

33. DEBARMENT: Execution of this AGREEMENT by VENDOR is certification that VENDOR is not currently debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from participation in this transaction by any State or Federal department or agency. VENDOR shall notify the DISTRICT in writing of any change in this status.

34. SUBCONTRACTORS: Subcontractors, if any, engaged by the VENDOR for the service shall be subject to the written approval of the DISTRICT. VENDOR shall be held responsible for all operations of all subcontractors and shall require them to maintain adequate Workers' Compensation and Commercial General Liability Insurance. VENDOR shall provide and submit a list of Subcontractors upon execution of this AGREEMENT.

35. NO CONFLICT OF INTEREST: VENDOR represents that it has no existing financial interest and will not acquire any such interest, direct or indirect, which could conflict in any manner or degree with the performance of services required under this AGREEMENT and that no person having any such interest shall be subcontracted in connection with this AGREEMENT, or employed by VENDOR. VENDOR will take all necessary steps to avoid the appearance of a conflict of interest and shall have a duty to disclose to the DISTRICT prior to entering into this AGREEMENT any and all circumstances existing at such time, which pose a potential conflict of interest. Failure to comply with the above provisions shall constitute grounds for immediate termination of this AGREEMENT for cause, in addition to whatever other remedies the DISTRICT may have.

36. RECORD AUDIT: In accordance with Government Code section 8546.7, records of both the DISTRICT and the VENDOR shall be subject to examination and audit for a period of five (5) years after final payment.

37. NO MODIFICATIONS: This AGREEMENT may not be amended or modified except in writing signed by DISTRICT and VENDOR.

38. COMPONENT PART OF THE AGREEMENT: The contract entered into by this AGREEMENT consists of the following documents, all of which are component parts of this AGREEMENT as if herein set out in full or attached hereto:

Notice Calling for Bids  
 Information for Bidders  
 General Conditions  
 Request For Substitution Form  
 Non-Collusion Declaration  
 Bid Bond or Bid Guarantee Form if Bid Security is other than Bid Bond)  
 Cooperative Purchasing/ Other Agency Clause  
 Statement of Compliance  
 Bid Form  
 Bid Form- Price Sheet  
 Local Hire Local Business Participation  
 Purchase Agreement Form  
 Any Purchase Orders Issued by the District  
 Warranty/ Guarantee Form  
 Drug-Free Workplace Certification  
 Insurance Requirements/ Certificates of Insurance and Endorsements  
 Workers' Compensation Certificate  
 IRS W-9 Form  
 Attachment "A" to Bid Form: Specifications

All of the above-named documents are intended to be complementary. Requirements required by one of the above-named documents and not by others shall be done as if required by all.

IN WITNESS WHEREOF, this AGREEMENT has been duly executed by the above named parties, on the day and year first above written.

<p>FOR THE VENDOR: <u>Olympus America</u>          [NAME]</p> <p><u>Katie M. Fosher</u>          By: Signature</p> <p><u>Katie M. Fosher</u>          Printed Name</p> <p><u>Director, Customer Care</u>          Title</p> <p><u>3/27/2020</u>          Date</p>	<p>RANCHO SANTIAGO COMMUNITY COLLEGE          DISTRICT</p> <p>_____          By: <b>Peter J. Hardash</b>          Title: Vice Chancellor, Business Operations/          Fiscal Services</p> <p>_____          Date</p>
---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

All 5 addenda sent

**RANCHO SANTIAGO COMMUNITY COLLEGE DISTRICT**

**ADDENDUM NO. 1**

Bid #1383

Purchase of Microscopes for the New Science Center at Santa Ana College

**March 6, 2020**

**Owner:  
Rancho Santiago Community College District  
2323 North Broadway Room 112  
Santa Ana, California 92706**

RECEIPT OF THIS ADDENDUM MUST BE ACKNOWLEDGED ON BID FORM WHEN  
SUBMITTED

The following changes, additions, deletions or corrections shall become a part of the Contract Documents for the project named on the previous page and all other conditions shall remain the same. The Bidders shall be responsible for transmitting this information to all affected prior to the closing of Bids. Prospective Bidders shall acknowledge receipt of this Addendum in the space provided on the Bid Form. Failure to do so may subject Bidder to disqualification.

**Item No. AD-1-1a**

Question:

Nikon Instruments participates and holds current contracts with the E&I Cooperative; contract number CNR01457, expires 01/31/23 (RSCCD is an E&I member, member number 906525), and BIO; no contract number, expires 05/31/2020 (RSCCD is a member of SoCal Bio), which were both competitively bid and awarded. Would RSCCD accept either these terms of the E&I Cooperative or BIO in place of any RSCCD terms and conditions such as INFORMATION FOR BIDDERS, GENERAL CONDITIONS, AND PURCHASE AGREEMENT FORM for the above referenced bid?

Answer:

No.

**Item No. AD-1-1b**

Question:

Also, we do not offer bid bonds. Should we strike that section in the bid?

Answer:

No. If your firm cannot provide a bid bond, the District will accept a cashier's check or cash as a bid security.

**Item No. AD-1-2**

Question:

My company is new to this process, can you please explain the need for a \$10,000 security Bond or Check?

Answer:

Pursuant to Public Contract Code section 20651(a), the District is required to have potential bidders provide some form of bid security. Pursuant to Section 8 of the Information for Bidders, bid security is requested "as a guarantee that the bidder will enter into the contract (Purchase Agreement Form), if the same is awarded to such bidder, and will provide any other required documents.

**Item No. AD-1-3**

Question:

We understand the deadline for all questions is Monday, 03/09, by 2 PM, but this particular question pertains to the *'Request For Substitution Form,'* which must be submitted that same day: Can you please clarify *'Item#/Location SC'*

Are you asking the requested substituted item be correlated with the *'Item#'* reflected in the *'BID FORM – PRICE SHEET'* or the *'Item'* reflected in the *'Attachment "A": Microscope Minimum Specification (Expanded View)'*?

Answer:

Yes. The Item# refers to both the Bid Form and Attachment "A". The use of "Item#" is sufficient on the Request For Substitution Form.

**Item No. AD-1-4**

Question:

Thank you for the opportunity to bid on this multi-year agreement. I would like some clarification on the submission method for the Request For Submission Form and questions. Will you accept both criteria sent to you via email with electronic signatures?

Answer:

If you are referring to the Request for Substitution Form and questions, electronic signatures will be accepted. However, all the items submitted with the bid proposal require a wet signature.

**Item No. AD-1-5**

Question:

Wondering if we can email the "request for substitution form" and all related documents or does this need to be mailed?

Answer:

The "Request for Substitution" form and all the related documents to the substitution may be emailed. The District is not responsible for any email transmission issues.

**Item No. AD-1-6**

Question:

Also, does the *'Request For Substitution Form,'* need to also be submitted in a sealed envelope or can it be emailed? No directions were given in the bid regarding the form's format for its submission.

Answer:

Yes. The "Request for Substitution" form and all related documents may be emailed prior to 2:00 p.m. on March 9, 2020 and do not have to be submitted in a sealed envelope. The District is not responsible for any email transmission issues.

**This is the end of ADDENDUM NO. 1**

**RANCHO SANTIAGO COMMUNITY COLLEGE DISTRICT**

**ADDENDUM NO. 2**

**Bid #1383**

**Purchase of Microscopes for the New Science Center at Santa Ana College**

**March 13, 2020**

**Owner:**

**Rancho Santiago Community College District  
2323 North Broadway Room 112  
Santa Ana, California 92706**



**RECEIPT OF THIS ADDENDUM MUST BE ACKNOWLEDGED ON BID FORM WHEN  
SUBMITTED**

The following changes, additions, deletions or corrections shall become a part of the Contract Documents for the project named on the previous page and all other conditions shall remain the same. The Bidders shall be responsible for transmitting this information to all affected prior to the closing of Bids. Prospective Bidders shall acknowledge receipt of this Addendum in the space provided on the Bid Form. Failure to do so may subject Bidder to disqualification.

**Item No. AD-2-1**

Question:

- Microscope Covers: Plastic microscope dust covers are not specifically specified in the following Class Types.

Olympus Question: Are plastic microscope dust covers a required component for these Class Types?

- Class Type 1
- Class Type 2
- Class Type 4
- Class Type 6
- Class Type 7

Answer: No.

**Item No. AD-2-2**

Question:

- Focusing 1 Ox eyepieces for stereomicroscope classes: Two focusing eyepieces are required in order for the user to achieve parfo cality through the zoom range of the stereomicroscope and allow the user to adjust for diopter compensations between their eyes. A Single focusing and fixed eyepiece configuration per stereomicroscope will only allow for a diopter adjustment.

Olympus Question: Are two focusing 1 Ox eyepieces required for the following Class Types?

- Class Type 2
- Class Type 8

Answer: No.

**Item No. AD-2-3**

Question:

- Quantities per Class Type: The specifications do not specify a desired quantity of each Class Type.

Olympus Question: Can you provide a desired quantity per Class Type?

Answer: No.

**Item No. AD-2-4**

Question:

- Class Type 8 clarification request: The Olympus SZ61 TR trinocular stereomicroscope is designed with a built-in 0.5x C-mount coupler. The specification in Attachment "A" lists "0.35x C-mount...model U-TV0.35XC-2-7 or equivalent".

Olympus Question: Can this specification be modified to reflect the built-in 0.5x C-mount coupler?

Answer: Yes.

**Item No. AD-2-4**

Question:

**Page 2 Section 4 – Signature**

Original Language: Any signature required on bid documents must be signed in the name of the bidder and must bear the signature of the person or persons duly authorized to sign these documents. Where indicated, if bidder is a corporation, the legal name of the corporation shall first be set forth, together with two signatures: one from among the chairman of the board, president or vice president and one from among the secretary, chief financial officer, or treasurer. Alternatively, the signature of other authorized officers or agents may be affixed, if duly authorized by the corporation. Such documents shall include the title of such signatories below the signature and shall bear the corporate seal. Where indicated, in the event that the bidder is a joint venture or partnership, there shall be submitted with the bid certifications signed by authorized officers of each of the parties to the joint venture or partnership, naming the individual who shall sign all necessary documents for the joint venture or partnership and, should the joint venture or partnership be the successful bidder, who shall act in all matters relative to the bid for the joint venture or partnership. If bidder is an individual, his/her signature shall be placed on such documents.

Olympus Question: Olympus America, Inc. is a corporation however we do not have a Chairman of the Board, VP's, President's, Secretary, CFO or Treasurer on-site for ink signatures for our business division. Will you accept signatures from a director level? Our Director of Customer Care is our authorized signer for bid opportunities.

Answer: Yes. If an entity cannot meet these requirements, the person(s) signing any document related to this RFP must have corporate authority to sign such documents and authority to legally bind the corporation. Upon request, bidders must provide official corporate documents to confirm the corporate authority of any person signing any document.

**Item No. AD-2-5**

Question:

**Page 25 - Purchase Agreement Form**

Olympus Question: Purchase Agreement Form is noted as an item to be submitted after the award of contract. Markups to legal terms and conditions are typically sent with bid submission. Can you please advise if the intent is for any red lines to be negotiated upon award?

Answer: No.

**This is the end of ADDENDUM NO. 2**

**RANCHO SANTIAGO COMMUNITY COLLEGE DISTRICT**

**ADDENDUM NO. 3**

Bid #1383

Purchase of Microscopes for the New Science Center at Santa Ana College

**March 17, 2020**

**Owner:  
Rancho Santiago Community College District  
2323 North Broadway Room 112  
Santa Ana, California 92706**

**RECEIPT OF THIS ADDENDUM MUST BE ACKNOWLEDGED ON BID FORM WHEN  
SUBMITTED**

The following changes, additions, deletions or corrections shall become a part of the Contract Documents for the project named on the previous page and all other conditions shall remain the same. The Bidders shall be responsible for transmitting this information to all affected prior to the closing of Bids. Prospective Bidders shall acknowledge receipt of this Addendum in the space provided on the Bid Form. Failure to do so may subject Bidder to disqualification.

**Item No. AD-3-1 Due Date Extension**

The bid due date has been extended. All bids must be submitted to the District by March 30, 2020 at 2:00 p.m.

**This is the end of ADDENDUM NO. 3**

**RANCHO SANTIAGO COMMUNITY COLLEGE DISTRICT**

**ADDENDUM NO. 4**

Bid #1383

Purchase of Microscopes for the New Science Center at Santa Ana College

**March 26, 2020**

**Owner:  
Rancho Santiago Community College District  
2323 North Broadway Room 112  
Santa Ana, California 92706**

**RECEIPT OF THIS ADDENDUM MUST BE ACKNOWLEDGED ON BID FORM WHEN  
SUBMITTED**

The following changes, additions, deletions or corrections shall become a part of the Contract Documents for the project named on the previous page and all other conditions shall remain the same. The Bidders shall be responsible for transmitting this information to all affected prior to the closing of Bids. Prospective Bidders shall acknowledge receipt of this Addendum in the space provided on the Bid Form. Failure to do so may subject Bidder to disqualification.

**Item No. AD-4-1 Due Date Extension**

The bid due date has been extended. All bids must be submitted to the District by April 7, 2020 at 2:00p.m.

**This is the end of ADDENDUM NO. 4**

**RANCHO SANTIAGO COMMUNITY COLLEGE DISTRICT**

**ADDENDUM NO. 5**

Bid #1383

Purchase of Microscopes for the New Science Center at Santa Ana College

**April 3, 2020**

**Owner:**

**Rancho Santiago Community College District  
2323 North Broadway Room 112  
Santa Ana, California 92706**

RECEIPT OF THIS ADDENDUM MUST BE ACKNOWLEDGED ON BID FORM WHEN  
SUBMITTED

The following changes, additions, deletions or corrections shall become a part of the Contract Documents for the project named on the previous page and all other conditions shall remain the same. The Bidders shall be responsible for transmitting this information to all affected prior to the closing of Bids. Prospective Bidders shall acknowledge receipt of this Addendum in the space provided on the Bid Form. Failure to do so may subject Bidder to disqualification.

**Item No. AD-5-1 Bid Opening Procedures**

Due to COVID-19, the District will be following strict precautionary measures for the bid opening on April 7, 2020 at 2:00pm.

If Bidders are hand carrying their bids, there will be a designated outdoor bid drop off station where the bids will be date stamped. Please return to your vehicle until prior to 2:00pm.

At 2:00pm, the sealed bid scenarios will be opened and provided to any attendees. To avoid the potential for a gathering of a group of people, the actual opening and reading of the bids timely received will be conducted by a ZOOM Video Conference meeting and a handout with the link, time, and instructions will be available and provided to any attendees.

For the safety of the Bidders and District Representatives, Bidders arriving at the District are advised to follow all guidelines of protection and wear personal protective equipment and maintain a minimum six (6) foot distance from any person(s).

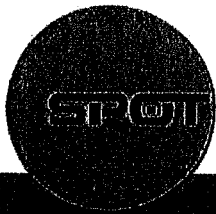
If Bidders utilize any type of courier service for the delivery of their bid to the required location and would like a copy of the bid scenarios and the ZOOM meeting information, a contact name and email address must be provided to Linda Melendez, Director, Purchasing Services at Melendez\_Linda@rscdd.edu by the bid opening date and time.

Thank you for your cooperation.

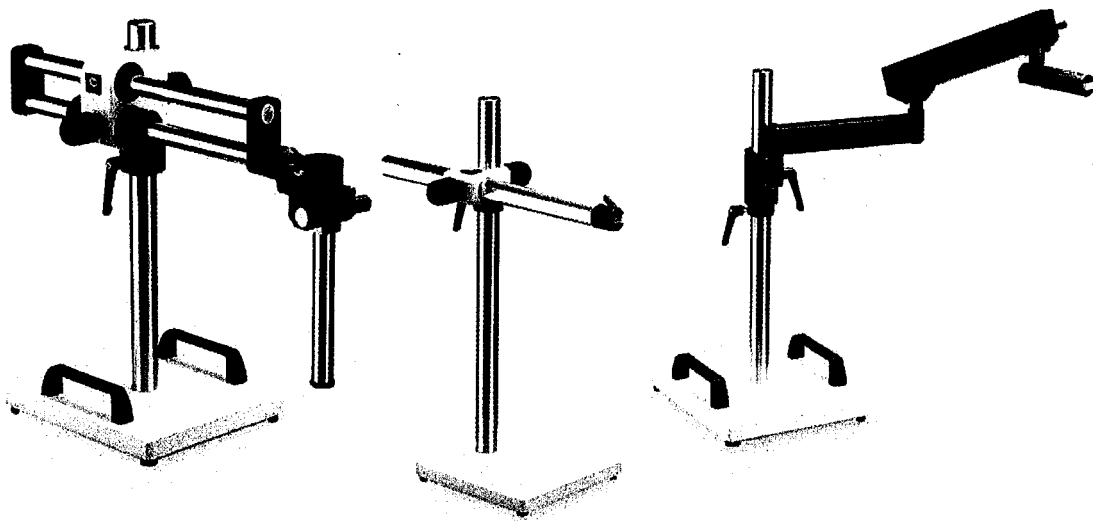
**This is the end of ADDENDUM NO. 5**



Add'l info from Olympus



## MICROSCOPE Accessories



## Stereo Microscope **BOOM STANDS**



Take a closer look

# CONTENTS

## Stereo Microscope Boom Stands

### Boom Stands

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### Option Details

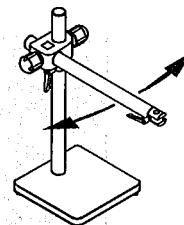
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# OVERVIEW

Get the Proper Stand for your task...

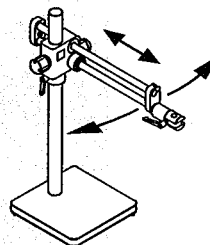
## SMS15/16 Standard Boom Stands

- Small to Medium Microscopes or Cameras
- Fixed Observation Position or Swing In, Swing Out (x)
- Adjustable Height (z) and In/Out (y) Position
- Lowest Price



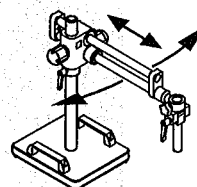
## SMS6B Standard Ball Bearing Boom Stands

- Small to Medium Microscopes or Cameras
- Changing Observation Position in Horizontal Plane (x,y)
- Adjustable Height (z) Position
- Moderate Price



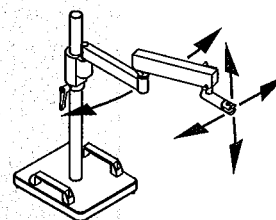
## SMS20 Heavy Duty Ball Bearing Boom Stands

- Large Microscopes with Cameras
- Changing Observation Position in Horizontal Plane (x,y)
- Adjustable Height (z) Position
- High Magnification Work
- Premium Price



## SMS25 Articulating Arm Boom Stands

- Small to Medium Microscopes or Cameras
- Changing Observation Position in All Three Dimensions (x,y,z)
- Maximum Compactness, No Need for Clearance Behind Boom
- Moderate to Premium Price



## Base Options

- Accommodate Your Mounting Requirements
- Allow Existing Stands to be Mounted in New Locations

## Microscope Mounting Options

- Allow Quick Adjustment of Microscope Tilt
- Adapters for Most Current and Older Microscopes

# BOOM STANDS

## SMS15/16 Standard Boom Stand

### Features of the SMS15/16 Stand

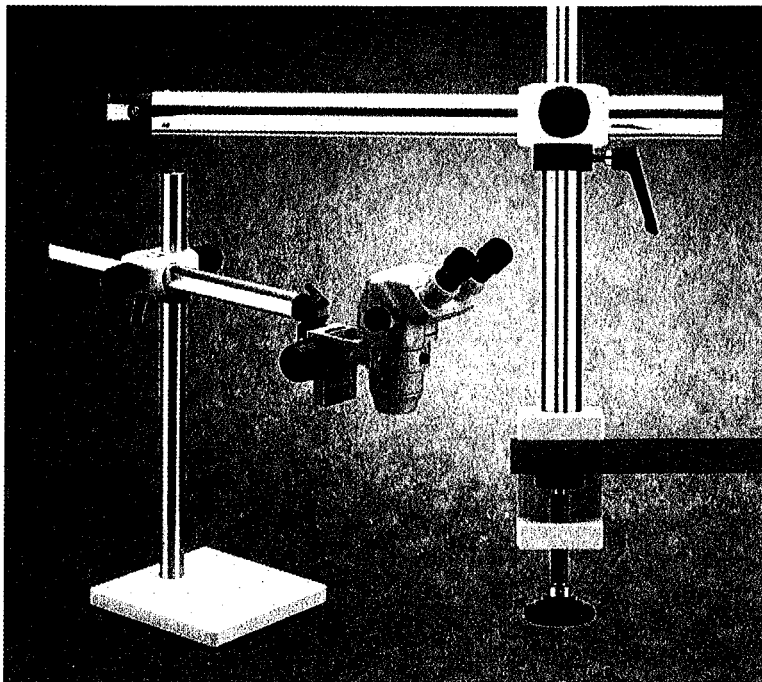
- Made to resist corrosion
- Nylon bearing surfaces avoid wear and slide easily
- Adjustable lever handles and "Soft-Grip" knobs

### SMS15/16 Boom Stands

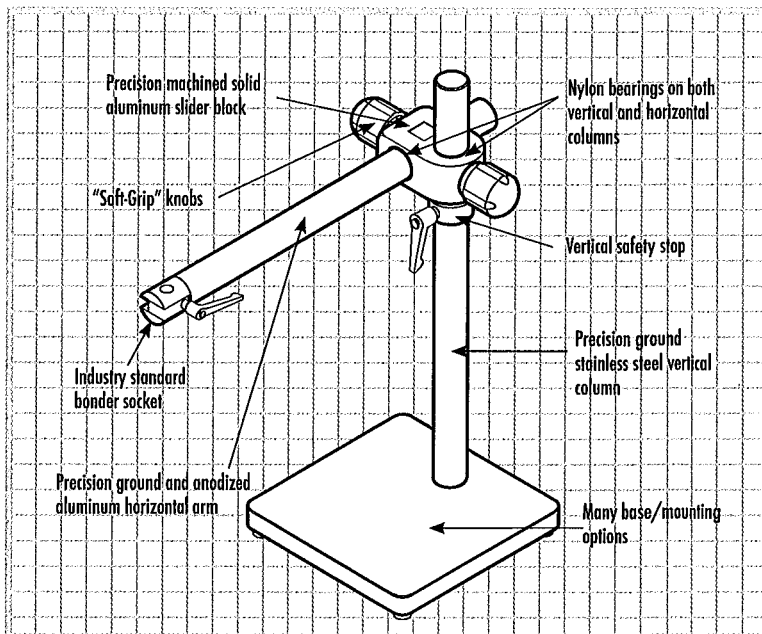
Low cost combined with high quality and unique safety features make the SMS15/16 Boom Stand an unmatched value in its class. Its height and long reach create ample room to work on and inspect large parts under the microscope.

The "Bonder Mount Socket" at the end of the horizontal arm accepts the industry standard 5/8" diameter microscope mounting dowel. Focus drives with this mounting dowel are commonly available from microscope manufacturers. Microscopes that do not have the standard 5/8" mounting dowel can be mounted with a SPOT Imaging tilting or non-tilting microscope mount (see page 12). A lever knob adjusts a friction collar that captures the 5/8" mounting dowel and allows the microscope to rotate around a vertical axis. The microscope then can be easily aligned to the user's eyes when repositioned.

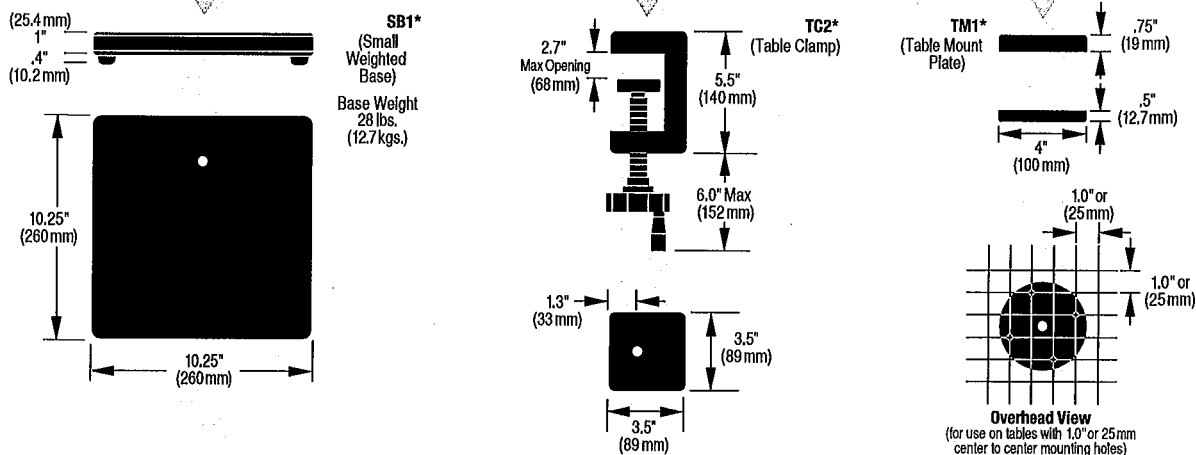
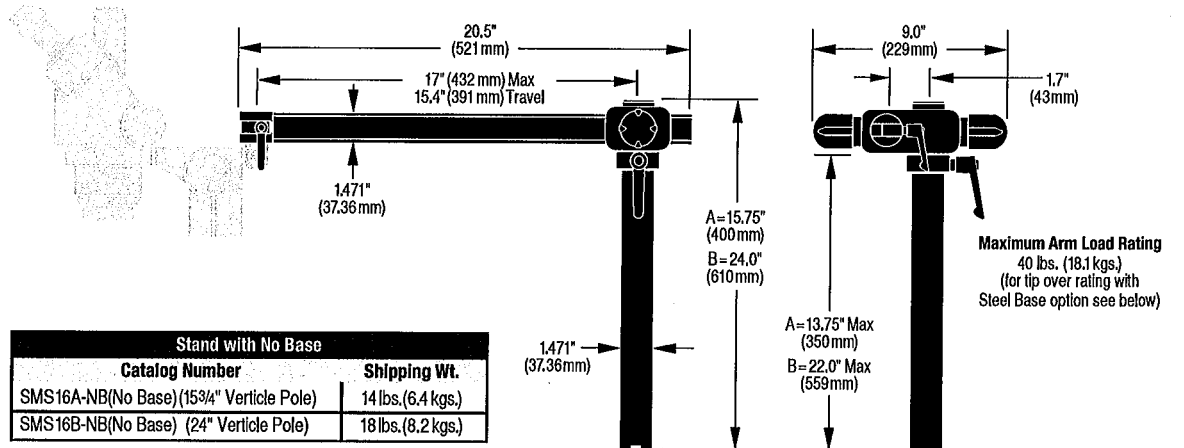
Anti-rotation is accomplished via a delrin plug and a flatted horizontal arm. The vertical and horizontal movements can be securely locked into position with "Soft-Grip" knobs. Vertical column lengths of 15.75" and 24" are available. The extra length column is used to compensate for work space lost when microscope mounts are used. Select the appropriate base option for your application (see page 3). For a detailed description of the base options see page 10.



SMS15 and SMS16 Boom Stands



SMS15 and SMS16 Features



Stand with SB1 Base		
Catalog Number	Shipping Wt.	Tip Over
SMS16A (15 3/4" Verticle Pole)	43 lbs.(19.5 kgs.)	18 lbs.(8.1 kgs.)
SMS16B (24" Verticle Pole)	47 lbs.(21 kgs.)	20 lbs.(9.0 kgs.)

Stand with TM1 Table Mount	
Catalog Number	Shipping Wt.
SMS16A-TM (15 3/4" Verticle Pole)	19 lbs.(8.6 kgs.)
SMS16B-TM (24" Verticle Pole)	23 lbs.(10.5 kgs.)

\*Subcomponent Catalog Number

Stand with TC2 Table Clamp	
Catalog Number	Shipping Wt.
SMS15A (15 3/4" Verticle Pole)	20 lbs.(9 kgs.)
SMS15B (24" Verticle Pole)	24 lbs.(11 kgs.)

# BOOM STANDS

## SMS6B Standard Ball Bearing Boom Stand

### Features of the SMS6B Stand

- Linear ball bearing support of the dual shaft horizontal arm creates a smooth, gliding movement
- Many of the same features found on the most expensive stands available at a moderate price
- Adjustable lever handles and "Soft-Grip" knobs for your convenience

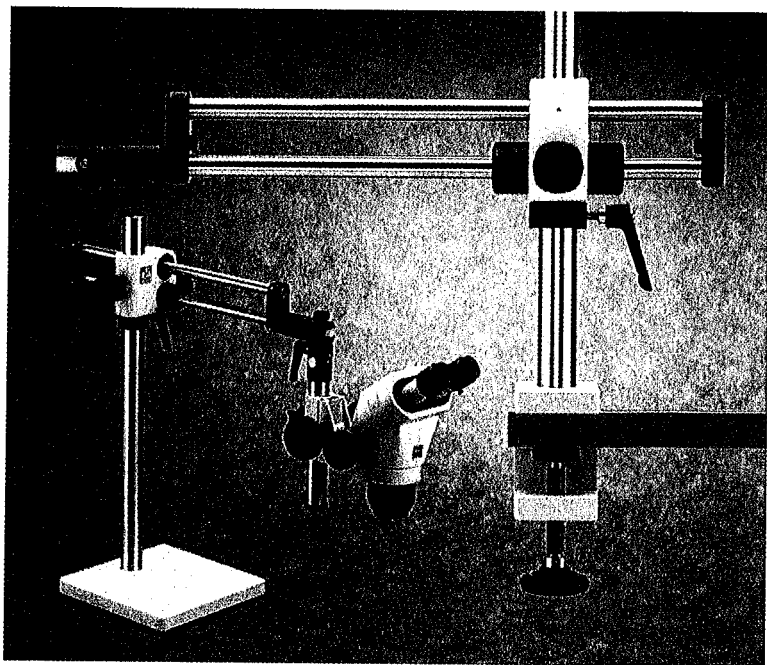
### SMS6B Boom Stands

The SMS6B stand was designed for people who are using smaller stereo microscopes for inspection work and want a boom stand that gives them smoother horizontal arm movement than our SMS16 and is less expensive than our large SMS20 stand.

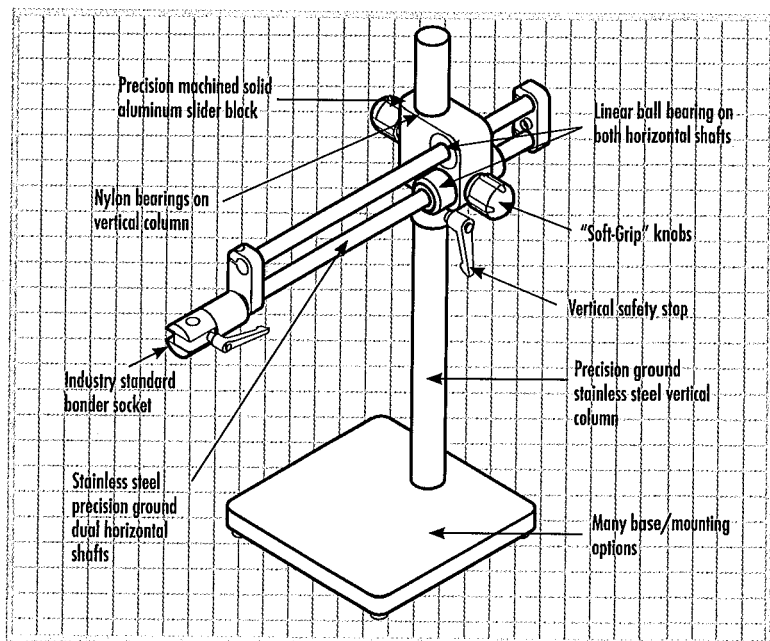
Combining the best of both worlds, the SMS6B, like the SMS20, has a ball bearing supported dual shaft horizontal arm that allows it to move smoothly with none of the "slip-stick" that is common with bushing supported horizontal arms. Ball bearing guides are used on both shafts for extra smooth operation. Like the SMS16, the SMS6B needs no adapter if your microscope focus mount has the industry standard 5/8" Ø mounting dowel.

The 5/8" diameter dowel on a "Bonder Mount" fits into a vertical socket in the end of the horizontal arm. A lever knob adjusts a friction collar that traps the "Bonder Dowel" and allows the microscope to rotate around a vertical axis. This allows the microscope to be aligned to the user's eyes when repositioned. Microscopes that do not have this 5/8" dowel can be mounted with adapters listed on page 13.

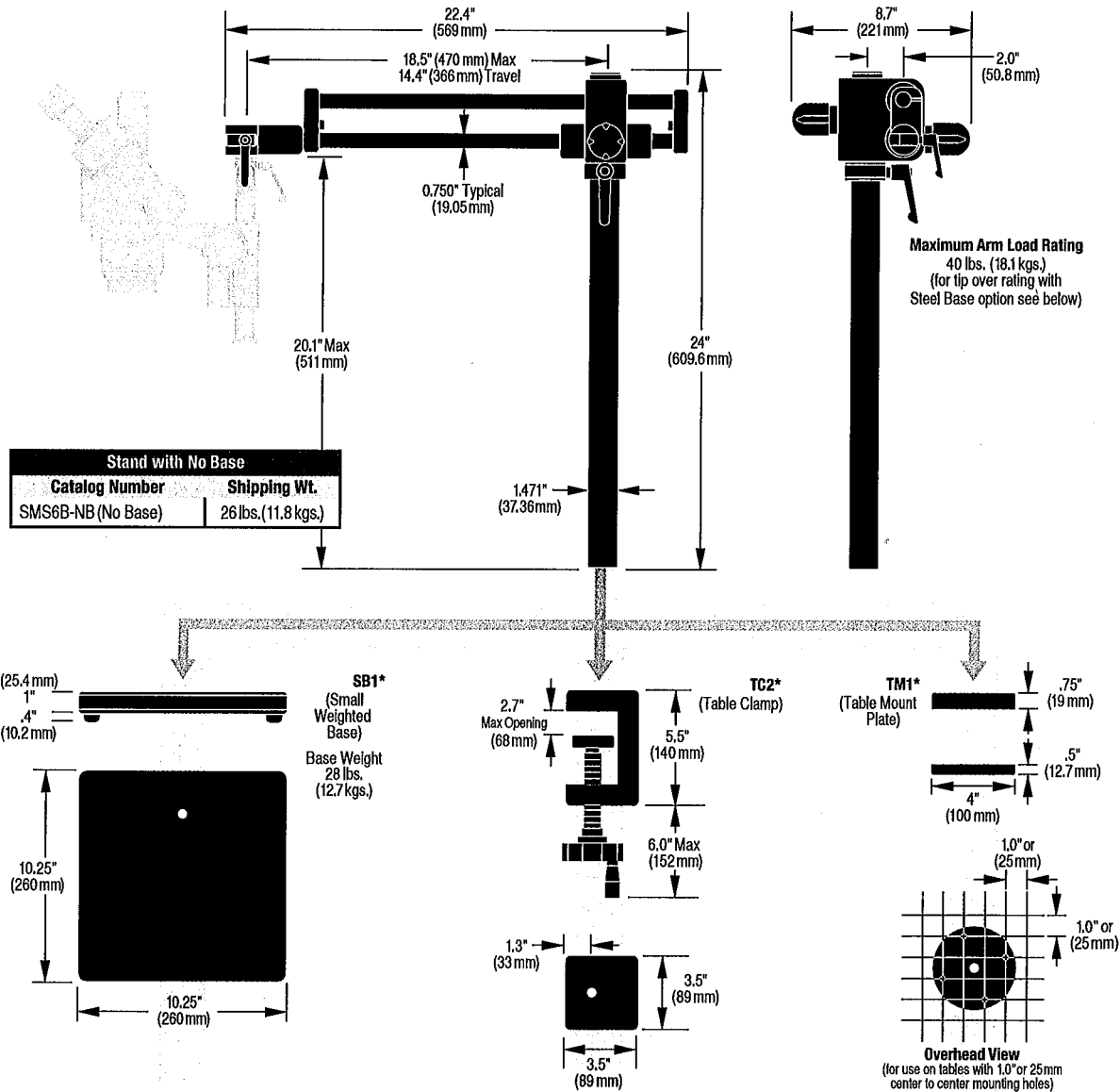
Details of the available base/mounting options are outlined on pages 5, 10 & 11.



SMS6B and SMS6B-TC Boom Stands



SMS6B Features



\*Subcomponent Catalog Number

# BOOM STANDS

## SMS20 Large Ball Bearing Boom Stand

### Features of the SMS20

- Linear ball bearing support of the dual shaft horizontal arm creates a smooth, gliding movement
- Supports large research grade stereo microscopes with full camera systems
- Offers great resistance to tipover

### SMS20 Boom Stands

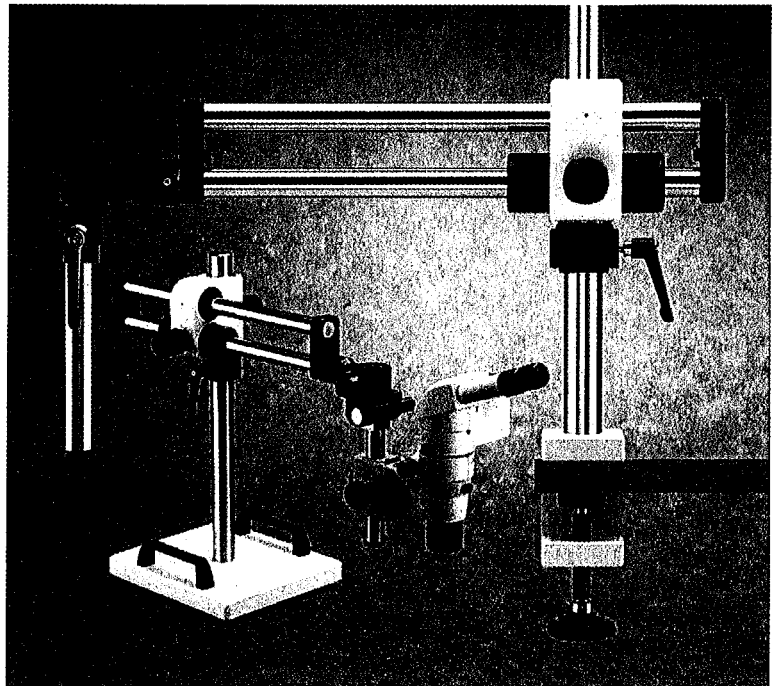
The SMS20 uses linear ball bearings to support the horizontal arm, allowing it to glide over the work surface with none of the binding inherent in other boom stands. It is now possible to scan a large flat area, such as a printed circuit board, by simply guiding the microscope with your hands.

### HP High Precision Mount

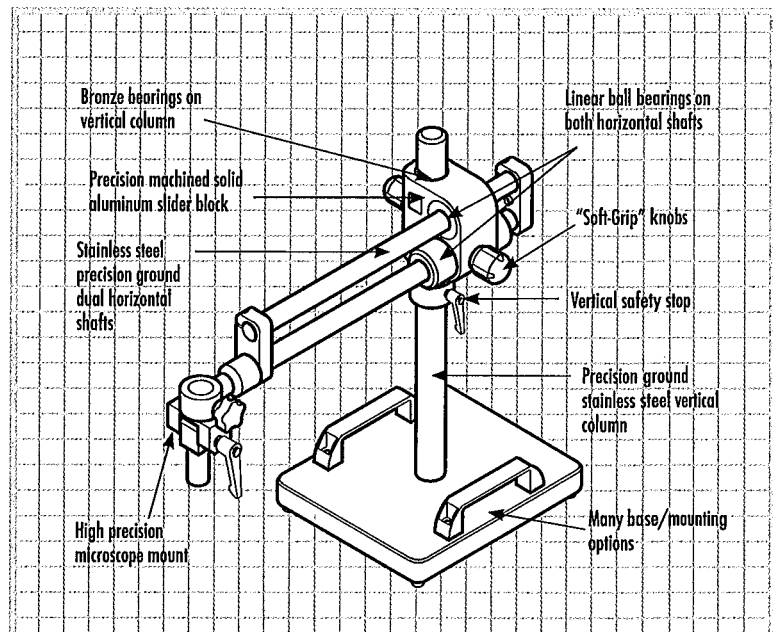
Our heavy-duty tilting and swiveling microscope mount incorporates two degrees of freedom. One allows the scope to swivel 360° around a vertical axis. The second permits 90° of tilt from vertical to horizontal positions. In addition, the heavy duty mount can securely lock the microscope in any orientation, even when loaded down with a large camera system. This mount also features a friction adjustment on the tilting motion to prevent unexpected "flip-over" of the microscope upon release of the tilting lock.

### Multiple Base Options

Details of the available base options are outlined on pages 7, 10 & 11.

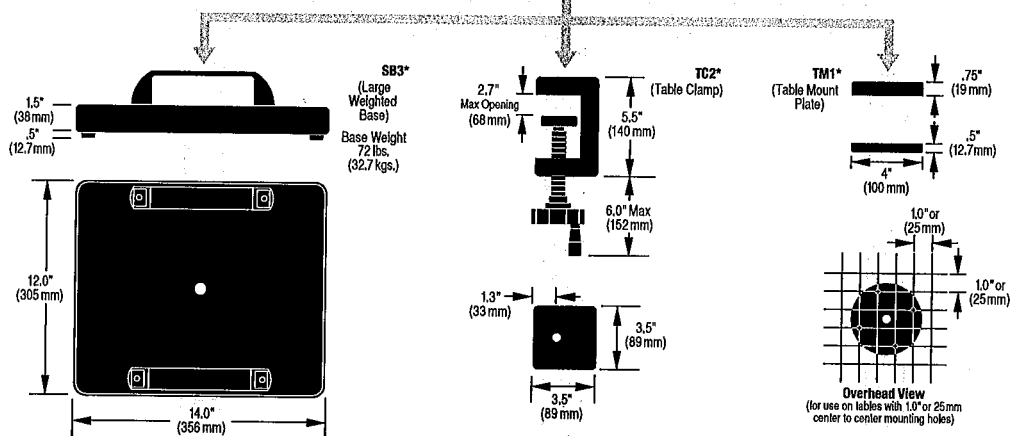
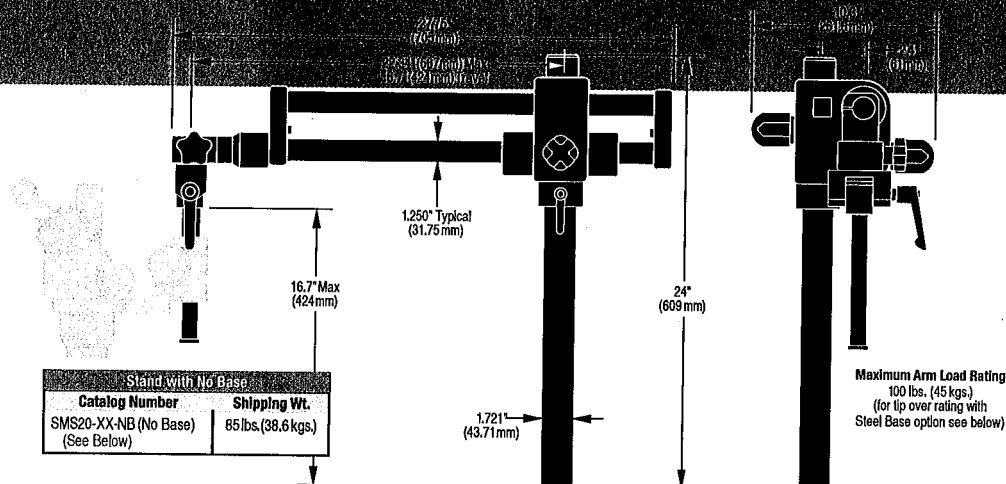


SMS20 and SMS20-TC Boom Stands



SMS20 Features





\*Subcomponent Catalog Number

Description	Model Designator Number (-XX-)
<b>Industry Standard</b>	
5/8" Bonder Socket	-20-
<b>Leica/ Wild</b>	
S, MZ series; 10-445-615, 10-445-616, 10-450-171, or 10-450-299 focus drives (focus drive sent in by customer and shortened)	-28-
S, MZ series; 10-445-615, 10-445-616, 10-450-171, or 10-450-299 focus drives (focus drive sent in by customer)	-29-
<b>Meiji</b>	
EMZ, EMT, EMF, EMX with F, FX and FC focus mounts (20mm Ø mounting column)	-16-
RZ series	-18-
<b>Nikon</b>	
SMZ-1, -2B, -2T (24.5mm Ø mounting column), SMZ-10 (76265 focus mount required)	-2-
SMZ-U, SMZ-10A, SMZ-645, SMZ-660, SMZ-800, SMZ-1000, SMZ-1500 (32mm Ø mounting column) (for focus mount A, C or D)	-19-
<b>Olympus</b>	
SD/SF series, SZX, SZH, SZ with SZ-ST5 focus mount, BXF-M (32mm x 203mm mounting column)	-18-
SZX10 and SZX16 with SZX2-RFA16 focus mount drives (32mm x 340mm mounting column)	-30-*
SZX10 and SZX16 with SZX2-F0, SZX2-FOF, SZX2-FOFH, SZX2-A02 focus drives (32mm x 239mm mounting column)	-31-
<b>Unitron</b>	
ZST, ZSB (24.5mm Ø mounting column)	-3-
<b>Zeiss</b>	
SV6, SV8, SV11, SR, DR, DRC, Stemi Series	-6-

\* Only available with Table Mount or Table Clamp

# BOOM STANDS

## SMS25 Articulating Arm Boom Stand

### Features of the SMS25

- Adjustable counter-balance arm allows easy, hand guided, up and down movement
- Works in spaces where a conventional boom stand will not fit
- Accepts standard 5/8" bonder mount

### SMS25 Boom Stands

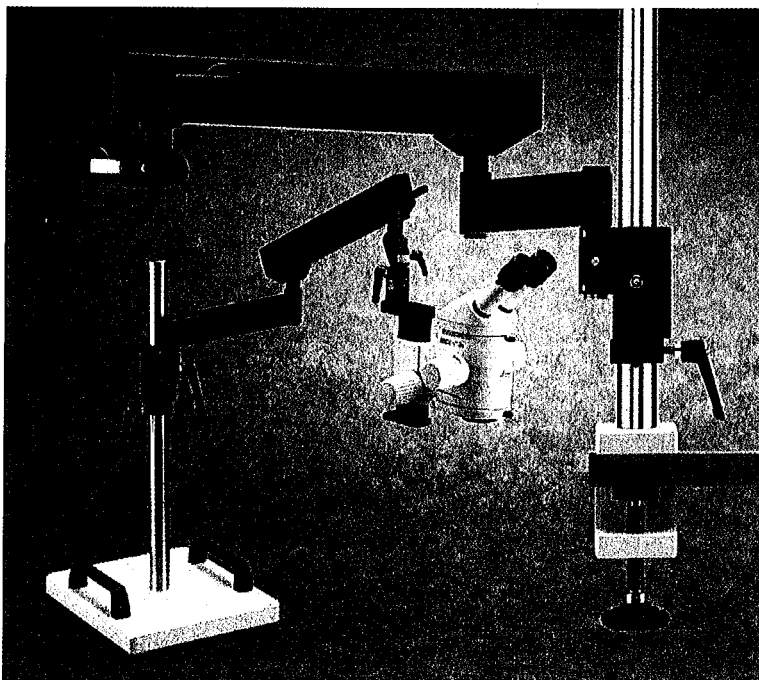
The SMS25 is a light duty, articulating arm boom stand designed for use with smaller microscopes at lower magnifications without cameras. Ideal for crowded labs or repetitive movement, the articulating arm gives free range of motion without the clearance behind the mounting location that is required by standard boom arms.

The adjustable, counter-balance arm moves up and down through 14.5" of vertical travel while stretching over 29.5" from arm mount center to microscope mount center. The vertical position can be locked via a lever at the end of the arm. The adjustment range of the counter-balanced section is 4-20 lbs. allowing optimization of the lift assist for the microscope.

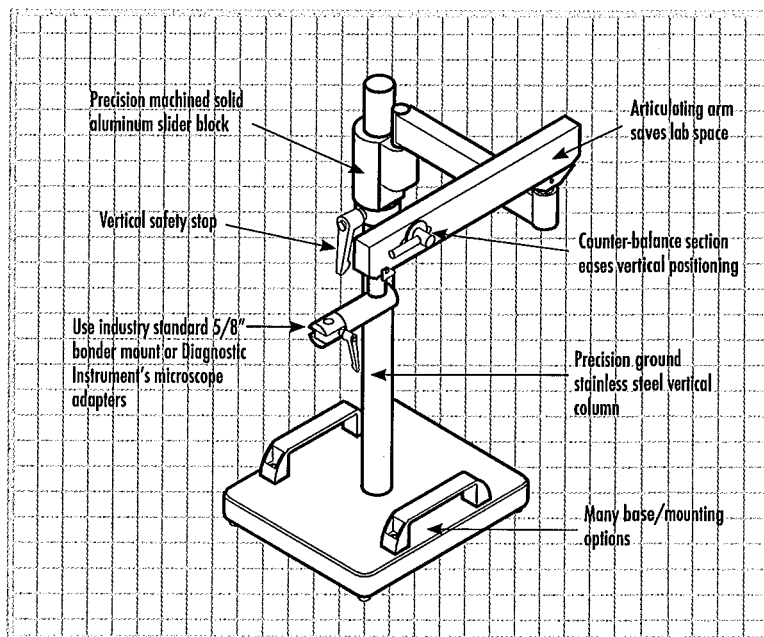
The "Bonder Mount Socket" at the end of the horizontal arm accepts the industry standard 5/8" diameter microscope mounting dowel. Focus drives with this mounting dowel are commonly available from the microscope manufacturers. In addition, SPOT Imaging can provide tilting and non-tilting adapters for new and old "post mount" microscope focus drives. The latest socket design incorporates a lever handle that allows for "no-tool" installation and adjustment of the friction in the bonder socket. The vertical orientation of the socket allows for the alignment of the microscope to the operator's eyes when the arm is swung into new positions.

### Multiple Base Options

Details of the available base options are outlined on pages 9, 10 & 11.

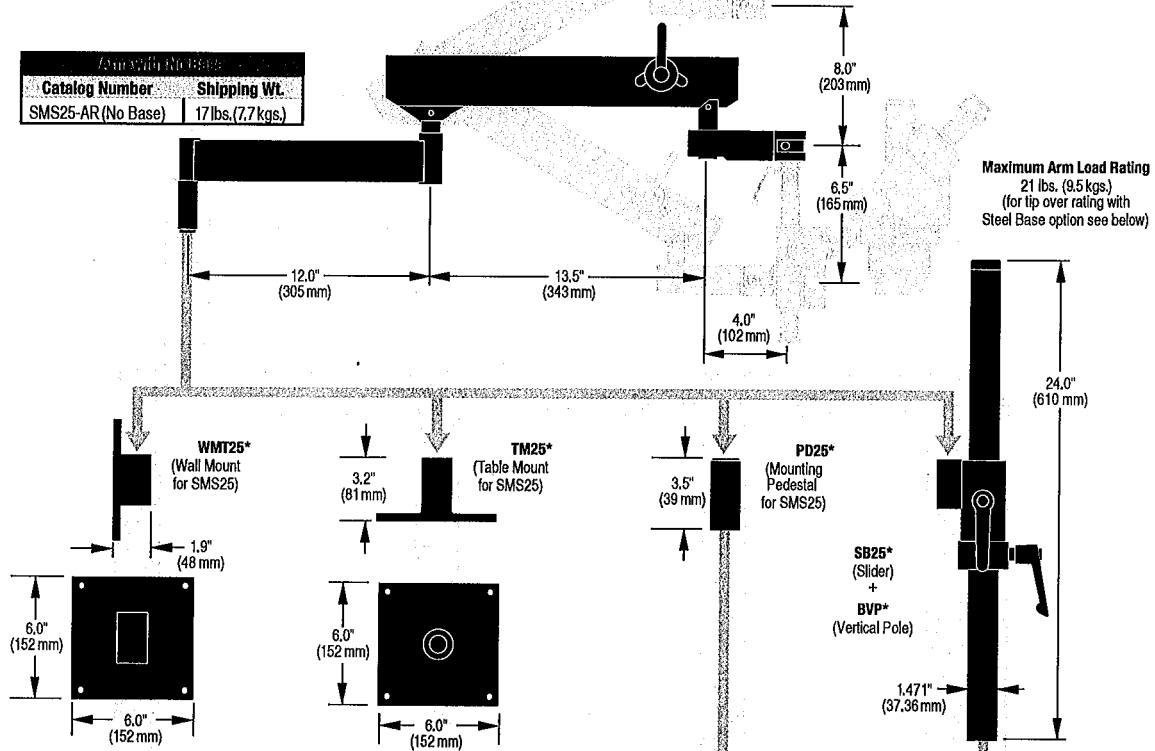


SMS25 and SMS25-TC Boom Stands



SMS25 Features

Arm with No Base	
Catalog Number	Shipping Wt.
SMS25-AR (No Base)	17 lbs. (7.7 kgs.)

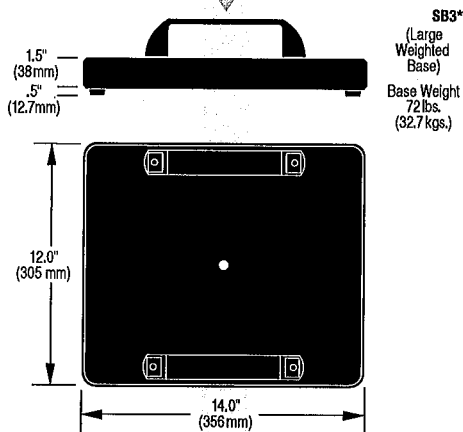


Arm with Wall Mount	
Catalog Number	Shipping Wt.
SMS25W	18 lbs. (8.2 kgs.)

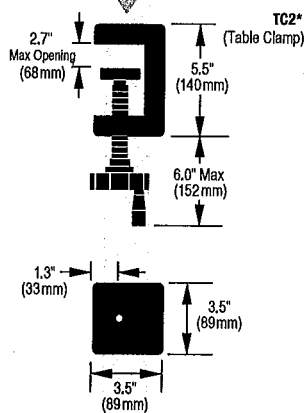
Arm with Shipitable Mount	
Catalog Number	Shipping Wt.
SMS25TM	18 lbs. (8.2 kgs.)

Arm with PD25 only	
Catalog Number	Shipping Wt.
SMS25PD-NB	18 lbs. (8.2 kgs.)

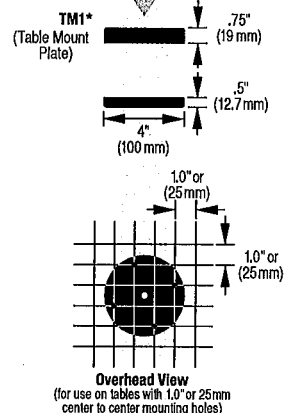
Arm with SB25 and BVP	
Catalog Number	Shipping Wt.
SMS25-NB	27 lbs. (12.3 kgs.)



Catalog Number	Shipping Wt.	Tip Over
Arm with PD25 and SB3		
SMS25PD	110 lbs. (50 kgs.)	15 lbs. (6.8 kgs.)
Arm with Vx25 and SB3		
SMS25	135 lbs. (61 kgs.)	17 lbs. (7.7 kgs.)



Catalog Number	Shipping Wt.
Arm with PD25 and TC2	
SMS25TCPD	19 lbs. (8.6 kgs.)
Arm with Vx25 and TC2	
SMS25TCVP	30 lbs. (13.6 kgs.)



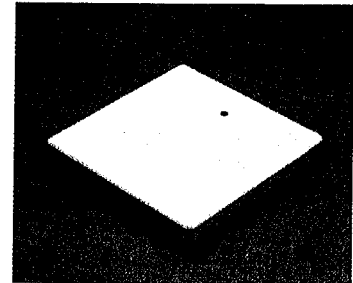
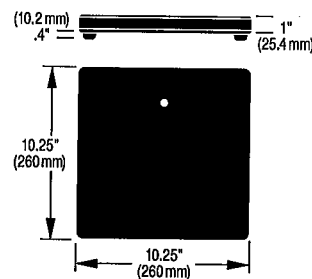
Catalog Number	Shipping Wt.
Arm with PD25 and TM1	
SMS25TMPD	20 lbs. (9.1 kgs.)
Arm with SB25, BVP and TM1	
SMS25TMVP	31 lbs. (14.1 kgs.)

\*Subcomponent Catalog Number

# BOOM STANDS

## SB1 Small Base (Not for use with SMS20 or SMS25)

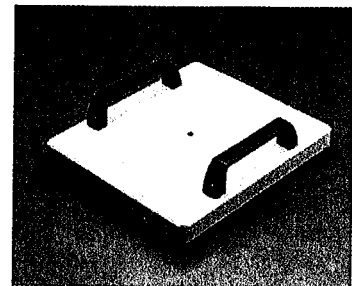
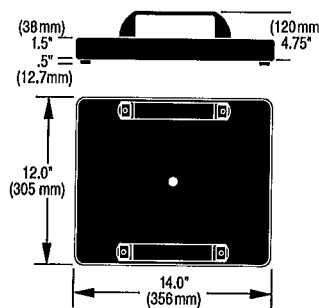
This base option combines economy, quality and portability. The base is made from 10.25" square by 1" thick steel plate which is then machine finished and texture coated with durable catalyzed polyurethane paint. It is supported by non-scurfing, non-oxidizing nylon feet. This base option allows the work station to be easily moved from one bench top to another. The mounting hole accepts a 3/8"-16 socket head cap screw.



## SB3 Large Base

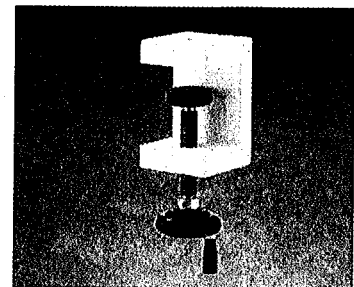
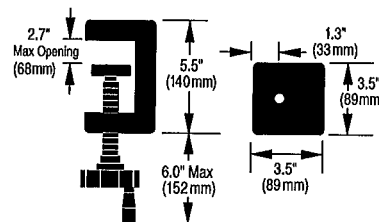
This base option provides the highest tipover resistance, while still providing portability. The base is made from a 12" x 14" x 1.5" thick steel plate which is then machine finished and texture coated with durable catalyzed polyurethane paint.

To facilitate positioning of the base it is equipped with two handles. The base sits on non-scurfing non-oxidizing nylon feet. This base option allows the work station to be easily moved from one bench top to another. The mounting hole accepts a 3/8"-16 socket head cap screw.



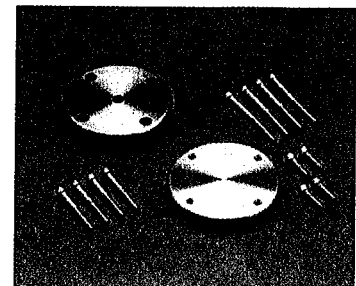
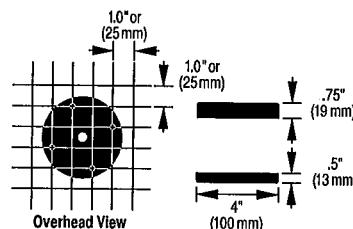
## TC2 Table Clamp

The SPOT Imaging Table Clamp is a solid aluminum "C" clamp design with a 1"x3.5" web, a 3/4"Ø stainless steel clamping screw, a floating platen and a 3" Ø clamping knob. Unlike competing clamps, this clamp solidly attaches the vertical pole to the table as if it was bolted. This clamp eliminates any tipover worry, without requiring modification of the table. The finish is a texture coated, catalyzed polyurethane paint. The mounting hole accepts a 3/8"-16 socket head cap screw.



## TM1 Table Mount

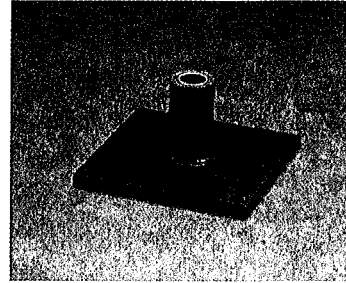
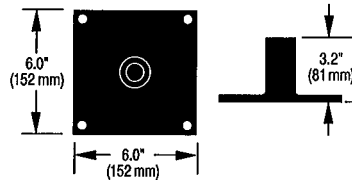
The SPOT Imaging Table Mount is designed to allow boom stand attachment to 1.0" or 25mm center to center tapped hole patterns like those seen on vibration isolation tables. It also comes with a backing plate to increase mounting strength on standard table tops. With this type of mount, tipover and rigidity are not concerns. The TM1 is made of solid 300 series stainless steel to match the anti-corrosion characteristics of the boom stands they support. The TM1 includes the top mounting plate, the bottom backing plate, three sets of 1/4-20 mounting fasteners (7/8", 2" and 2-3/4"), and one set of M6 x20mm mounting fasteners. The mounting hole accepts a 3/8"-16 socket head cap screw.



# BASE OPTIONS FOR SMS25 SERIES

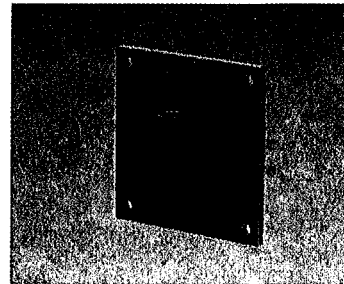
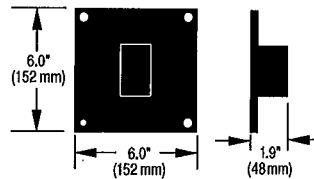
## TM25 Table Mount for SMS25

This base option is an economical way to mount the SMS25 arm to table tops. It consists of a mounting socket and a horizontal mounting plate. It should be noted that mounting fasteners are not included due to the infinite mounting possibilities. The customer should supply 3/8" Ø mounting hardware for this purpose. TM25 is texture coated with black polyurethane paint.



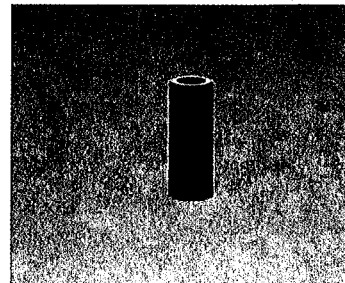
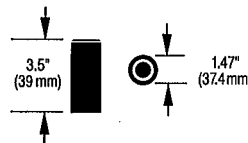
## WMT25 Wall Mount for SMS25

This base option is an economical way to mount the SMS25 arm to walls and columns. It consists of a mounting socket and a vertical mounting plate. It should be noted that mounting fasteners are not included due to the infinite mounting possibilities. The customer should supply 3/8" Ø mounting hardware for this purpose. WMT25 is texture coated with black polyurethane paint.



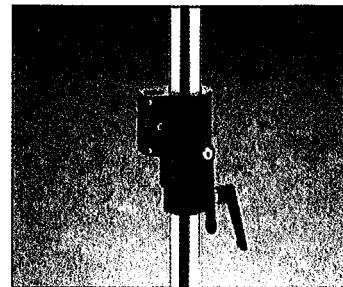
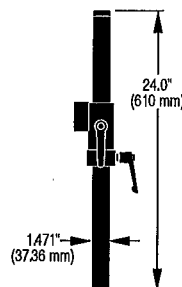
## PD25 Mounting Pedestal for SMS25

The PD25 is a mounting pedestal for the SMS25 arm. It allows the SMS25 arm to be mounted to standard base options such as the TM1, TC2 and SB3. It is also available for OEM mounting of the arm to machine bases. The pedestal is anodized aluminum and comes with a 3/8"-16 x 1-1/4" socket head cap screw.



## VP25 Vertical Column and Slider for SMS25

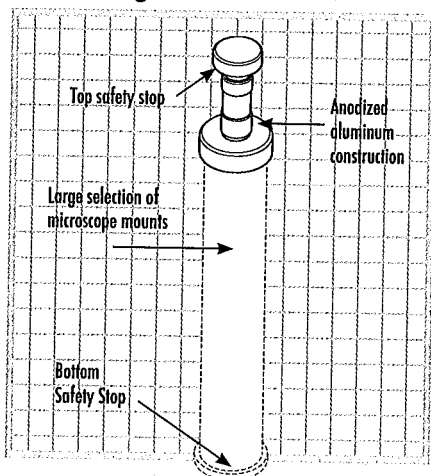
The VP25 is a vertical column and slider mounted pedestal for the SMS25 arm. It allows the SMS25 arm to be mounted to standard base options such as the TM1, TC2 and SB3. It has the added advantage of allowing greater vertical positioning. The vertical column is precision ground 300 series stainless steel and comes with a 3/8"-16 x 1-1/4" socket head cap screw. The slider mounted pedestal and vertical stop are anodized aluminum and have lever handles for locking the height position.



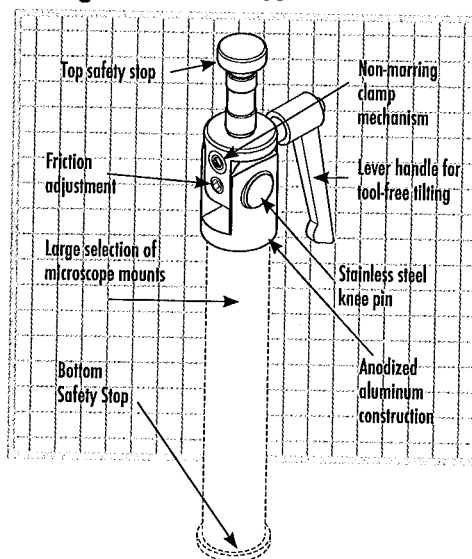
# MICROSCOPE MOUNTS

Microscopes	Non-Tilting Adapter	Tilting Adapter
<b>Camera 1/4"-20 Mount</b>		
Non-focus mount	135	137
Focus mount	N/A	136
<b>Leica/Wild</b>		
S, MZ series; 10-445-615, 10-445-616, 10-450-171, or 10-450-299 focus drives (focus drive sent in by customer and shortened to 76mm travel)	149 - N	147 - N
S, MZ series; 10-445-615, 10-445-616, 10-450-171, or 10-450-299 focus drives (focus drive sent in by customer)	150 - N	148 - N
Stereo microscope with 20mm Ø post	143	144
<b>Meji</b>		
RZ series	128	118
<b>Nikon</b>		
SMZ-1, -2B, -2T (24.5mm Ø mounting column)	126	116
SMZ-U, SMZ-10A, SMZ 645, SMZ 660, SMZ 800, SMZ 1000, SMZ 1500 (32mm Ø mounting column)	128	118
<b>Olympus</b>		
SZ (STS-STB2 focus mount required) with focus mount (24.5mm Ø mounting column)	126	116
SD/SF series, SZX, SZH, SZ with SZ-ST5 focus mount (32mm x 203mm mounting column)	128	118
SZX10 and SZX16 with SZX2-FO, SZX2-FOF, SZX2-FOFH, SZX2-A02 focus drives (32mm x 239mm mounting column)	171	161
BXFM	(SMS20 Stand recommended)	
<b>Unitron</b>		
ZSB & ZST	126	116
<b>Zeiss</b>		
SV6, SV8, SV11, SR, DR, DRC, Stemi Series, Discovery, V8, V12, V20	128	118
<b>Miscellaneous</b>		
Bonder focus mount to accept 76 mm stereomicroscope pods	N/A	146

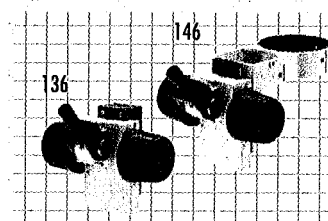
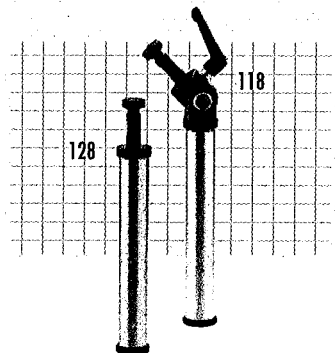
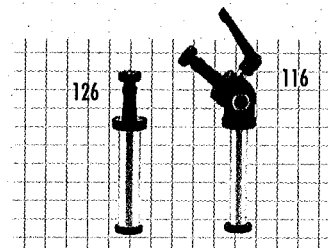
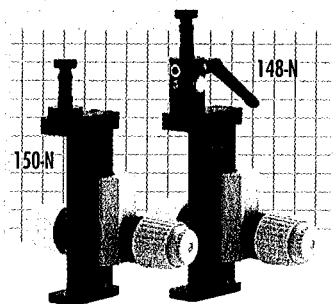
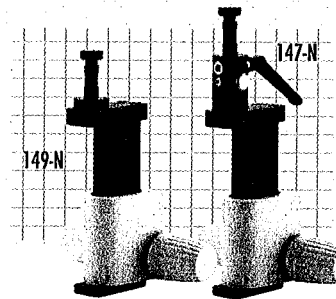
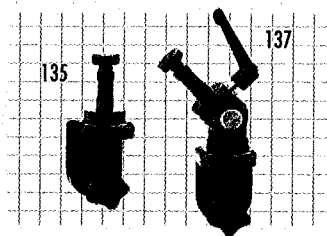
## Non-Tilting Mount Features



## Tilting Mount Features



# MICROSCOPE MOUNTS



## Bonder Dowel

The SPOT Imaging SMS15, SMS16, SMS6B, and SMS25 boom stands have a bonder mount socket at the end of their horizontal arm that accepts the industry standard 5/8" bonder dowel found on most stereo microscope focus drives and bonder arms.

If your stereo microscope's bonder dowel doesn't match the industry standard bonder dowel dimensions (shown in Figure 1), you'll need a SPOT Microscope Mount to attach it to SPOT Imaging boom stands.

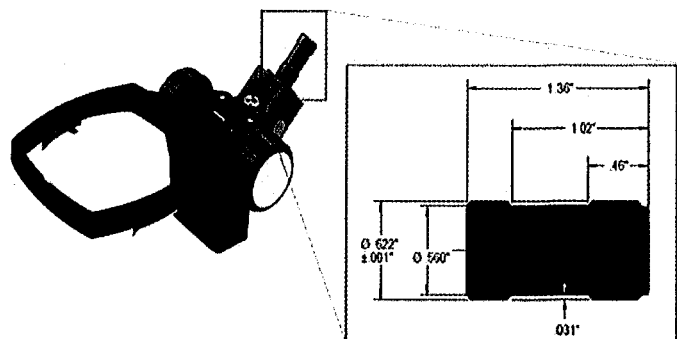
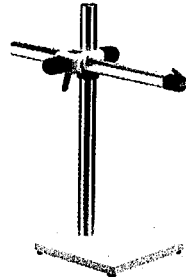


Figure 1

# BOOM STAND MODELS

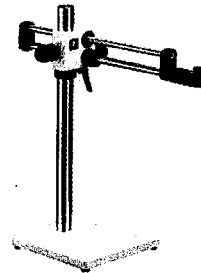
## **SMS15/16 Boom Stand**

The SMS15/16 is a light duty, low cost boom stand available with a weighted base, table clamp or table mount.



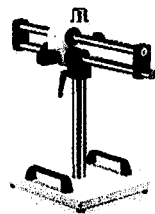
## **SMS6B Boom Stand**

The SMS6B is a sturdy boom stand providing smooth horizontal arm adjustments. They are available with a weighted base, table clamp or table mount.



## **SMS20 Boom Stand**

The SMS20 is a sturdy boom stand providing smooth horizontal arm adjustments.



## **SMS25 Boom Stand**

The SMS25 is a light duty boom stand providing smooth horizontal and vertical movement.



**IMAGING™**  
Take a closer look

**SPOT Imaging**

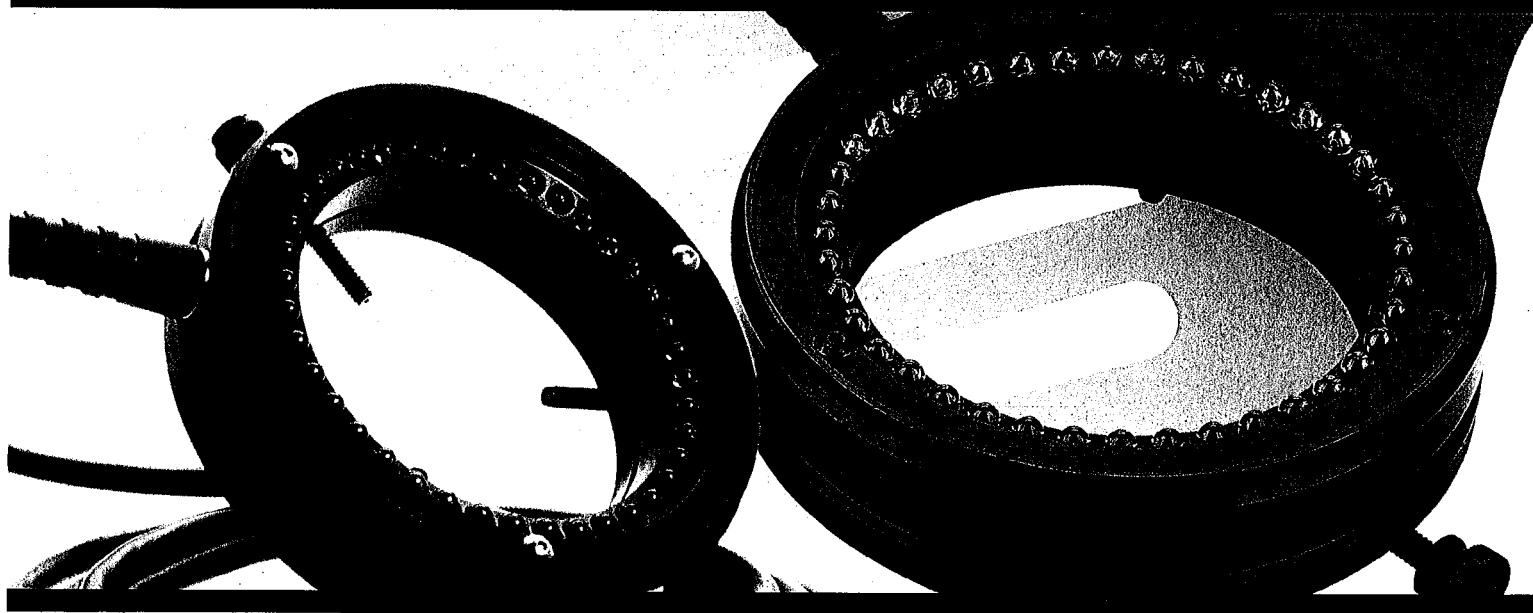
6540 Burroughs Avenue • Sterling Heights • MI • 48314-2133 • phone: 586.731.6000 • fax: 586.731.6469 • website: [www.spotimaging.com](http://www.spotimaging.com)



# TECHNIQUIP

## PROLINE 40

## RING ILLUMINATOR



### THE PROLINE 40 LED RING LIGHT

The ProLine 40 LED ring light is the workhorse of industrial microscopy.

Designed and manufactured to the exacting standards that have made TechniQuip an industry leader in microscopy ring lights, the ProLine 40 delivers powerful, microscope quality white light from the precision aligned LED array. Our CAD designed ring light system contains 40 top quality exceptionally bright white LED's housed in an attractive black anodized aluminium enclosure. The ProLine 40 offers outstanding illumination performance and maximum energy savings.

Our advanced 4 button LED controller utilizes a proprietary constant current design to provide maximum light output with long life and no color shift when dimming. The ProLine 40 comes standard with a universal power source for worldwide operation.

Manufactured in TechniQuip's own Pleasanton, California factory, the ProLine 40 is backed by the great service and warranty that have made TechniQuip the first choice for OEM's, laboratories, and other "mission critical" applications

### Key Features

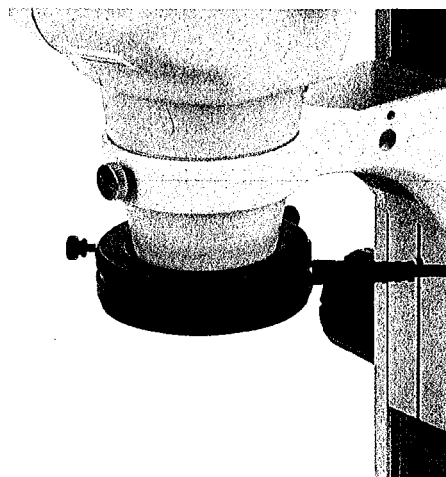
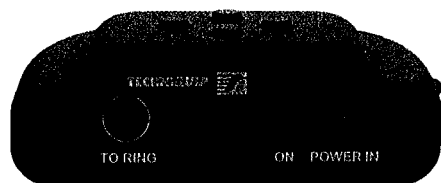
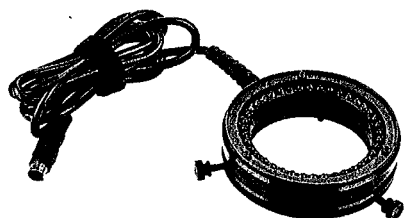
- ▶ 40 Powerful high precision aligned LEDS
- ▶ Choice of Daylight, Cool White, Warm White or Ultraviolet LEDS
- ▶ Supplied with 4 quadrant controller and auto voltage sensing power supply
- ▶ Machined aluminum alloy housing for durability
- ▶ Supplied with 3 soft tip mounting screws
- ▶ Fully adjustable dimming control
- ▶ 360 Degree shadow-free illumination
- ▶ Silent vibration free operation
- ▶ Instant on performance
- ▶ Standard model fits 1.25"-2.6" (66mm) lenses
- ▶ Adaptable for machine vision applications

TechniQuip  
530 Boulder Ct., Suite 103  
Pleasanton CA 94566 - USA



info@techniquip.com  
www.techniquip.com  
Tel: (925) 251-9030

## TECHNICAL SPECIFICATIONS: PROLINE 40



Number of LEDs	40
Inside Ring Diameter	2.63 inch (66.8 mm)
Outside Ring Diameter	3.81 inch (97 mm)
Height	1.02 inch (26 mm)
Cable Length	6 feet

Minimum Working Distance (Dark Spot Disappears)	2.5 inch (63 mm)
----------------------------------------------------	------------------

Ideal Working Distance (Max Illuminance/Even illumination)	3.5 inch (88 mm)
---------------------------------------------------------------	------------------

Maximum (Effective) Working Distance	5.0 inch (127 mm)
--------------------------------------	-------------------

### COMMON

### MODELS

P466DS4XXW	ProLine, 66mm I.D., Daylight
P466CS4XXW	ProLine, 66 mm I.D., Cool White
P466WS4XXW	ProLine, 66 mm I.D., Warm White
P466US4XXW	ProLine, 66mm I.D., UV
P40-PLZR-KIT	Polarizer/Analyser Kit

### SHIPPED READY TO USE

The ProLine 40 consists of three components:

One LED 40 Ring, a 4 quadrant controller and one AC/DC Switching Adapter:

Input: 100-240V - 50/60 Hz, 0.5A  
Output: 24V -0.75A, 18W Maximum

## CUSTOM SOLUTIONS IN LIGHTING

TechniQuip offers custom solutions in precision lighting devices, LED ring lights, LED light sources, halogen light sources, fiber optic rings, fiber optic cables, goose-necks, cross-hair generators, optical inspection systems, CCD video cameras, optics and adapters for all of your microscope needs.

Call or E-mail us today if you would like discuss our specialized turnkey services in design, R&D, and production. We guarantee all of our products. TechniQuip: A proud tradition of sales and service for more than 40 years.

*TechniQuip: A proud tradition of sales and service for more than 40 years.*

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530 Boulder Ct., Suite 103  
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# OLYMPUS

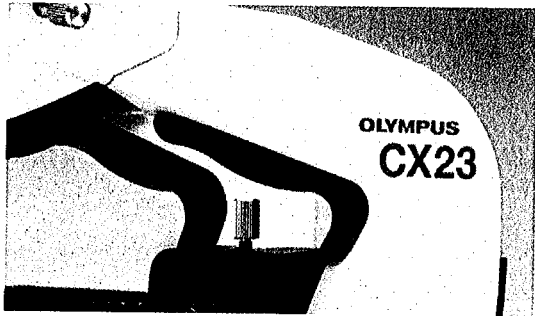
Biological Microscope

## CX23

Bringing Reliability to the Classroom



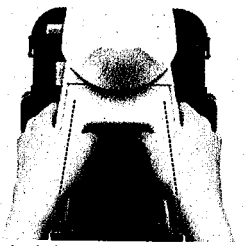
# User-Friendly Design and Outstanding Optical Performance



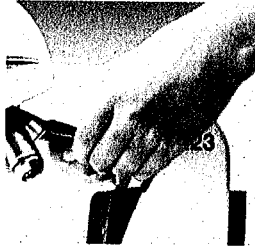
Ergonomic grip

- Ergonomic grips add safety when retrieving the microscope from high places.
- Colored grips indicate the appropriate places to hold the microscope.
- Smooth, rounded design eliminates sharp edges.
- The CX23 microscope is one of the lightest in its class, with a total weight of approx. 5.9 kg (13.01 lbs).

## Lift



Angled arm enables comfortable carrying



Ergonomic grip for easy carrying

- The arm is angled to keep users' wrists in a comfortable, neutral position.
- The eyepiece can be fixed in place to help prevent damage or loss during transport.
- A rackless stage and stage cover enable safety and stability during long periods of use.

## Carry



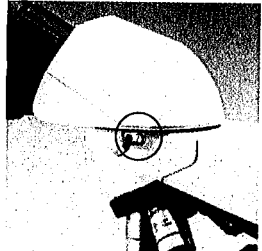
Fixed eyepieces



Rackless stage and stage cover



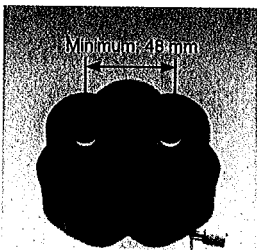
Convenient and easily accessible power cable storage



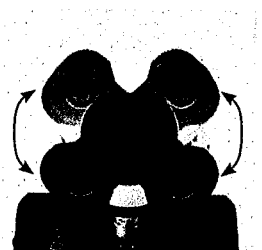
Locking pin for easy binocular rotation

- A locking pin keeps the observation tube in place.
- Interpupillary adjustments, ranging from 48 to 75 mm (1.9 to 3 in.), enables individual users to set it to their needs.
- Eyepoint adjustments accommodate the user's height and provide greater comfort.
- Left and right diopter adjustments enable optimal focus for each eye.

## Prepare

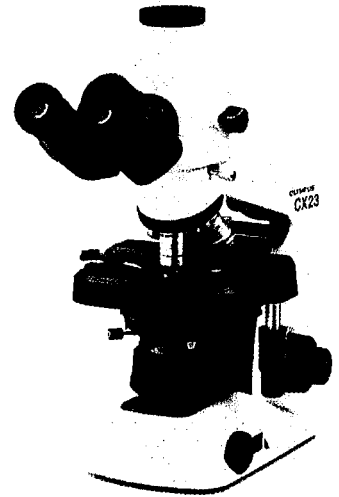


Interpupillary adjustment



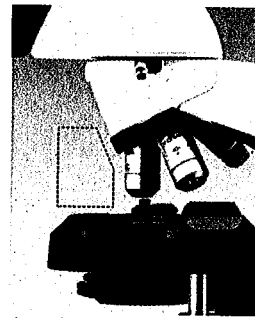
Eyepoint height adjustment

## Designed for the Classroom

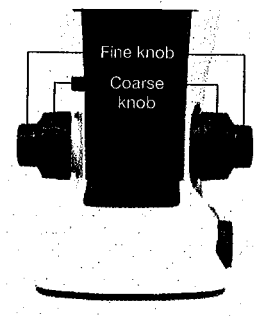


### Set the Sample

- An inward-facing rotating nosepiece facilitates a larger working area above the stage, enabling easier operation and specimen exchange or making it easier to apply oil to immersion objectives.
- Objectives with long working distances provide clearance for thick samples and slides.
- Bring specimens into focus quickly by using the coaxial knobs for fine or coarse adjustments. The microscope is built for durability and precise control, whether accessed from the left or right side.
- A torque release function helps prevent damage if excess force is applied to the coarse focusing knob or stage knob.



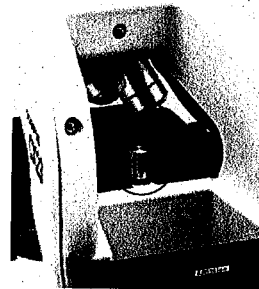
Inward-facing revolving nosepiece



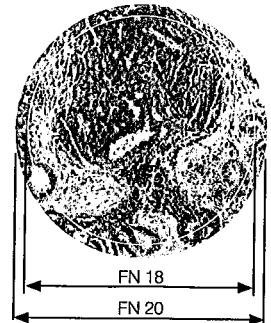
Coaxial knobs

### Observe

- The focus lock helps prevent the objectives from damaging the specimen.
- Field number (FN) of 20 provides a wide field of view.
- The CX23 microscope features plan achromat objectives that preserve outstanding image flatness throughout the field of view.
- The energy-saving LED light source provides a long operation lifetime of 20,000 hours.
- Daylight balanced LED illumination preserves the vivid colors on HE-stained samples.



Focus lock



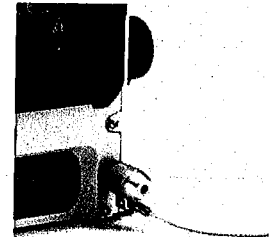
Wide field of view

### Store

- A storage compartment on the back of the CX23 microscope makes it easy to stow the power cable after use.
- Protect your investment with an optional custom designed wooden case.
- When the CX23 microscope needs to be left unattended, a built-in security slot enables the attachment of an anti-theft cable.



Cable storage compartment



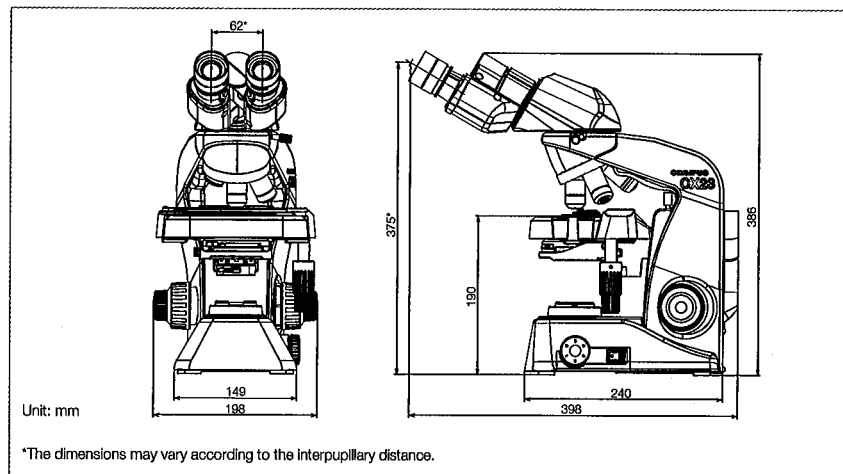
Built-in security slot

## CX23 Specifications

Model		CX23LEDRF (S1/S2)	CX23RTFS2
Body		Aluminum die-cast metal frame, protective plastic covering	
Optical System		Infinity optical system	
Illumination System		Built-in transmitted illumination system LED power consumption: 0.5 W (nominal value)	
Focusing		•Stage height movement      •Coarse movement stroke: 15 mm (0.6 in.)      •Coarse adjustment limit stopper •Torque adjustment for coarse adjustment knob      •Fine focus knob (minimum adjustment gradations: 2.5 µm)	
Revolving Nosepiece		Fixed quadruple nosepiece with inward tilt	
Stage		Wire movement mechanical fixed stage •Size (W × D): 174 mm × 89 mm (6.9 in. × 3.5 in.)      •Traveling range (X × Y): 76 mm × 30 mm (3 in. × 1.2 in.) •Specimen holder      •Specimen position scale	
Observation Tube	Type	Binocular      Trinocular	
	Eyeiece	10X Field Number (FN): 20      15X Eyeiece (FN): 12 (optional)	
	Tube inclination	30°	
	Light path selector	None      Eyeiece/Camera port = 100/0 or 0/100	
	Interpupillary distance adjusting range	48 – 75 mm (1.9 in.–3 in.)	
		Eyepoint adjustment	
		370.0 – 432.9 mm (14.6 in.–17 in.)	
Condenser		•Abbe condenser NA 1.25 with oil immersion      •Built-in aperture iris diaphragm	
Objectives		Plan Achromat 4X      NA 0.1      W.D. 27.8 mm 10X      NA 0.25      W.D. 8.0 mm 20X      NA 0.4      W.D. 2.5 mm (optional) 40X      NA 0.65      W.D. 0.6 mm 100XOil      NA 1.25      W.D. 0.13 mm (CX23LEDRFS1 built-in, CX23LEDRFS2/RTFS2 optional)	
Optional Accessories		Reflection mirror (CH20-MM), eyeiece micrometer Dust cover, darkfield stop (CH2-DS+CH2-FH) Field diaphragm (CX23-FS)* Dedicated wooden case (CH20-WB2)	Reflection mirror (CH20-MM), eyeiece micrometer Dust cover, darkfield filter (CH2-DS)
Dimensions (W × D × H)		198 mm × 398 mm × 386 mm (7.8 in. × 15.7 in. × 15.2 in.)	198 mm × 398 mm × 430 mm (7.8 in. × 15.7 in. × 17 in.)
Weight		Approximately 5.9 kg (13 lb)	Approximately 6.5 kg (14.3 lb)
Rated Voltage/Electric Current		AC 100 – 240 V    50/60 Hz    0.4 A	
Power Consumption		Less than 2 W	

\*CX23-FS is included in CX23RTFS2 standard set

## DIMENSIONS



Dedicated wooden case (optional)

Specimens courtesy of:  
 JAPANESE FOUNDATION FOR CANCER RESEARCH  
 Cancer Institute, Cancer Institute Hospital  
 Department of Pathology  
 Futoshi Akiyama, M.D., Ph.D.  
 Yulchi Ishikawa, M.D., Ph.D.

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# **OLYMPUS**

Biological Microscope

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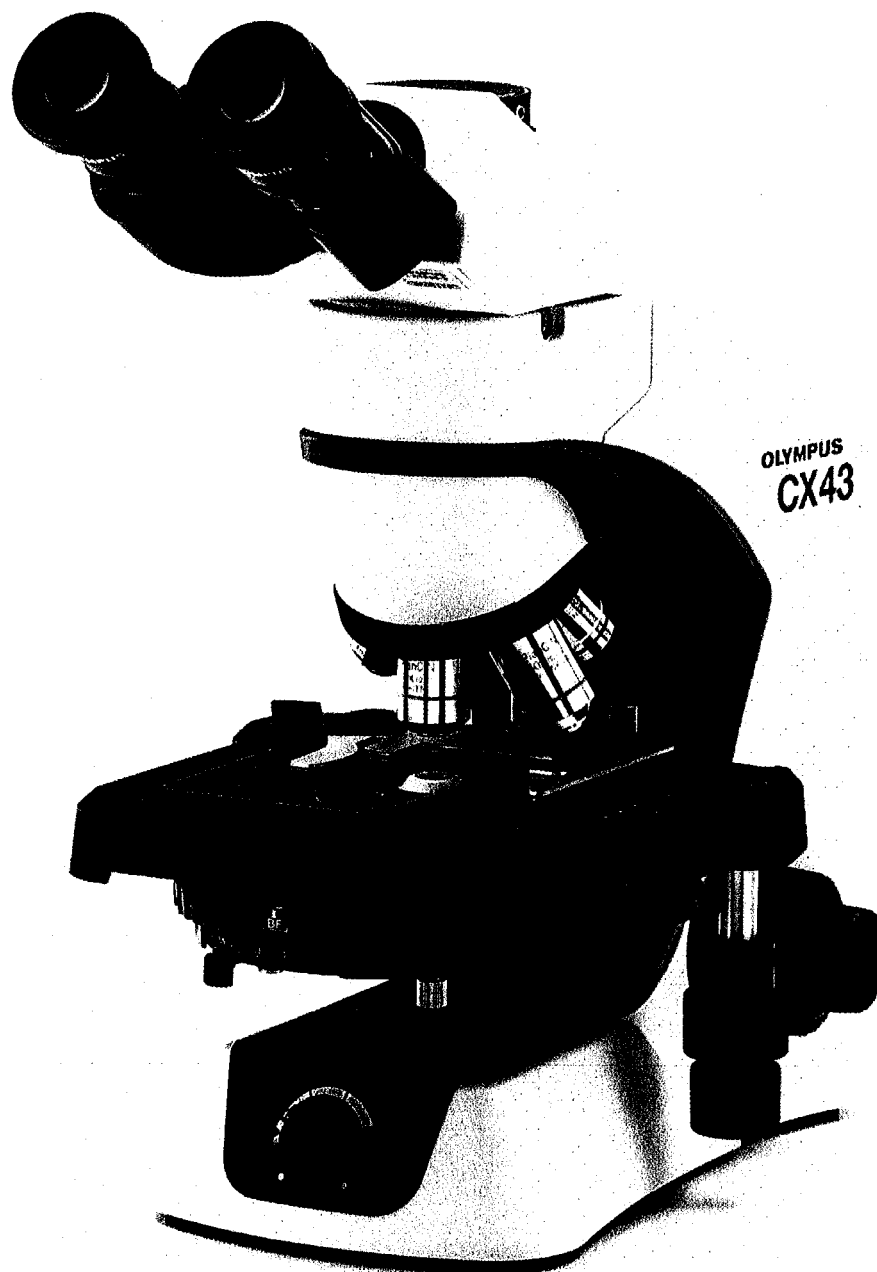
## **CX43/CX33**

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CX3 Series

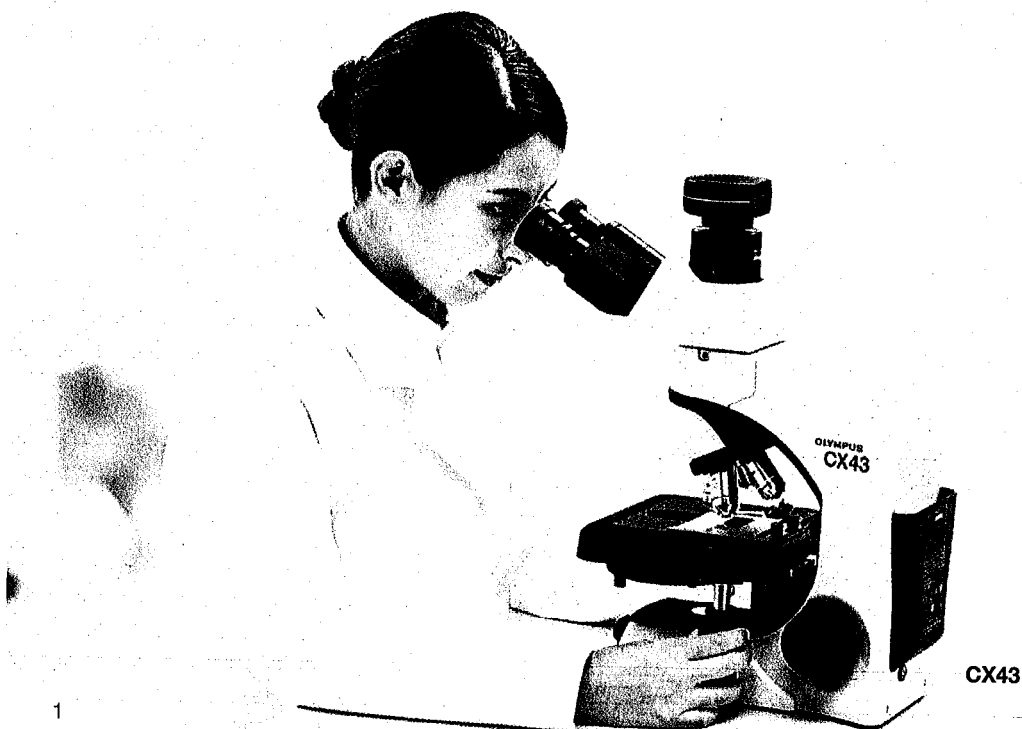
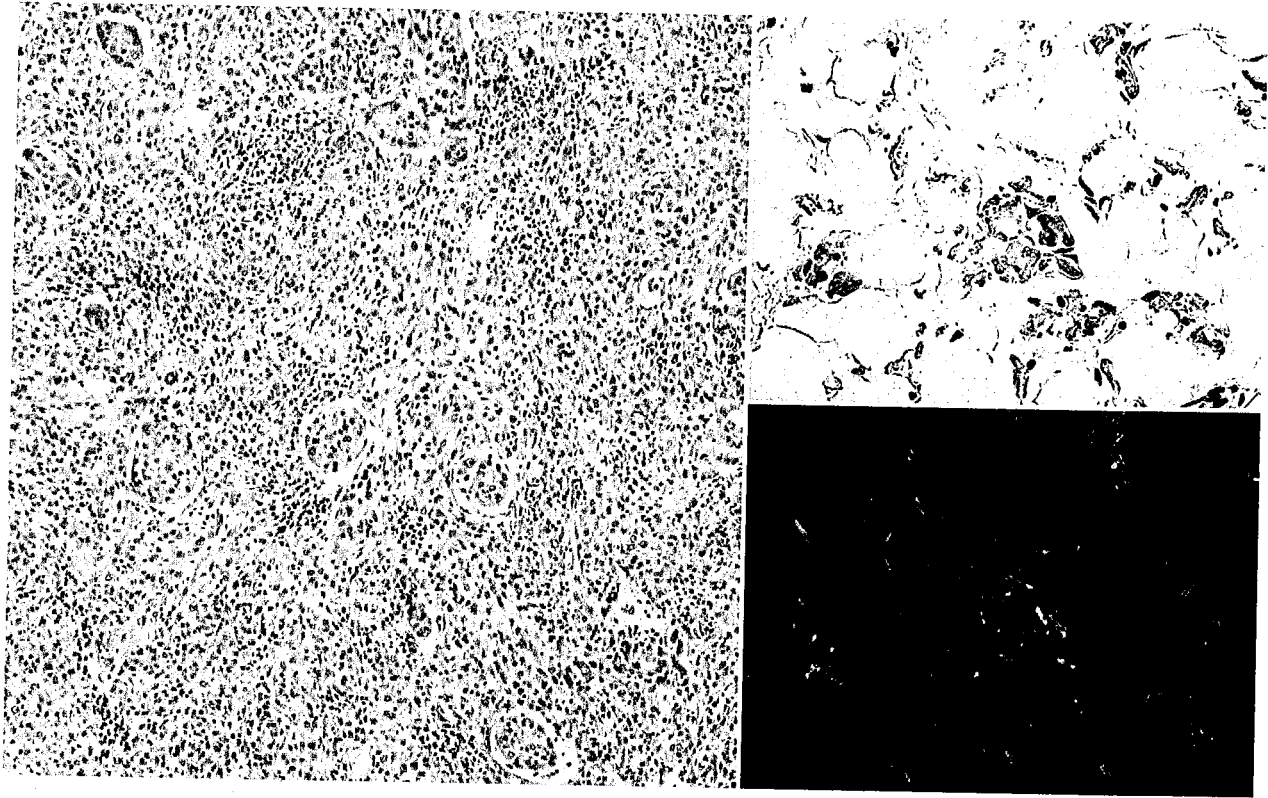
Comfortable, High-Throughput Routine Microscopy

**UIS2**  
World-leading optics



## Comfortable for Long Periods of Routine Microscopy

The microscope frame fits comfortably between your hands, and the location of the control knobs help maximize the ergonomics, improving work efficiency. Users can quickly set a specimen with one hand, while adjusting the focus and operating the stage with the other with minimal movement. Both microscopes also feature a camera port for digital imaging.

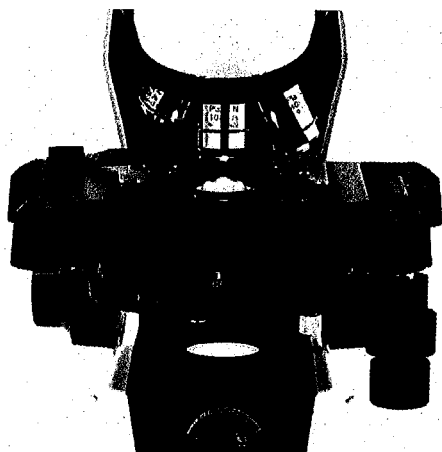




# Maintain Preferred Observation Conditions with Minimal Adjustments

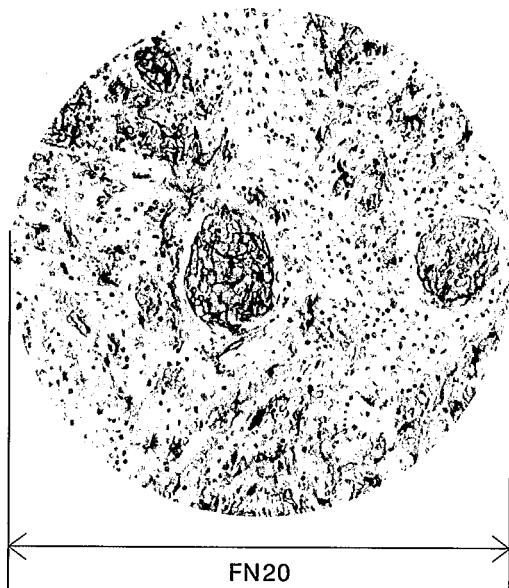
## Uniform Illumination with Consistent Color Temperature

The color temperature of the CX LED illumination produces daylight conditions, so specimens can be viewed with their natural colors. The color temperature is consistent at any brightness, so users don't have to spend time making adjustments when they change brightness. The LEDs have a long 60,000-hour lifetime, helping reduce cost, and the brightness level remains stable throughout the LED's life.



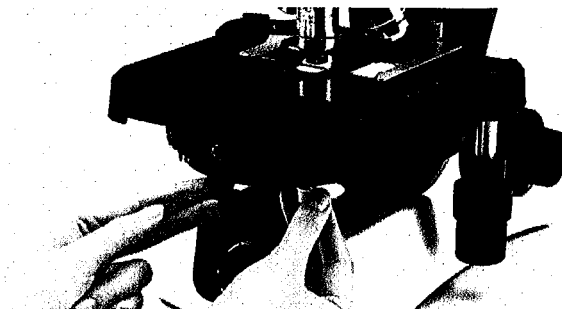
## Excellent Optical Performance for Flat Images

The microscope employs Plan Achromat objectives, which provide clear images with high image flatness over a wide field of view. This helps users view specimens clearly and evenly during routine microscope observations.



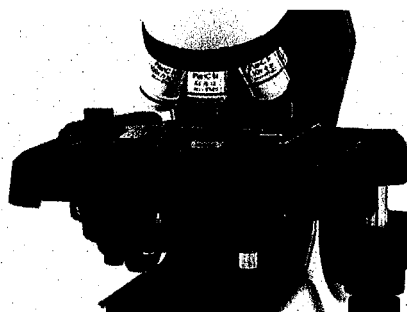
## Select and Set Your Contrast Level

Users can preserve their favorite contrast by locking the aperture diaphragm. It stays fixed at the optimally chosen position if it is accidentally touched while changing slides.



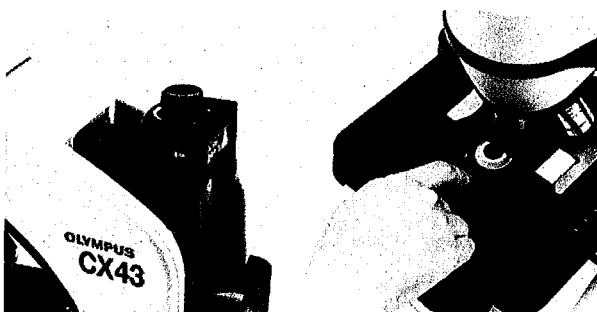
## Change Magnification without Adjusting the Condenser

Users can change the magnification from 4X to 100X without moving the top lens on the condenser. 2X magnification is also available by simply setting the objective and the condenser turret to the 2X position.



## Simple Fluorescence Observation

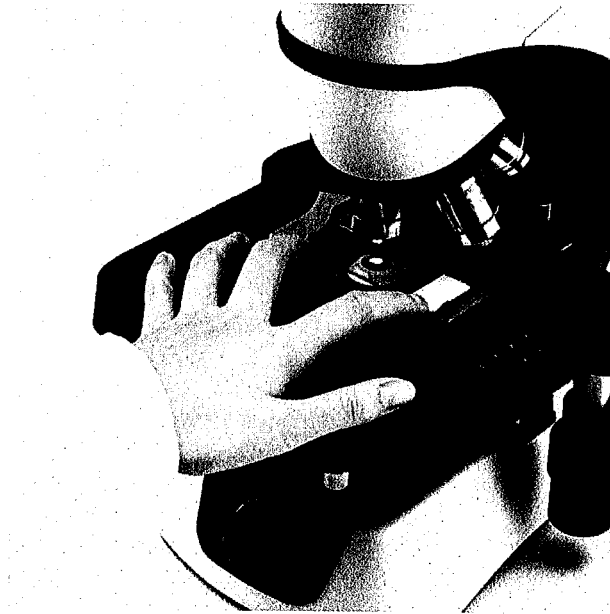
Fluorescence observation is simple and easy. Plug the compact fluorescent illuminator into the microscope frame for fluorescence observation. Its LED light source is pre-centered, and the transmitted illumination is shuttered by simply setting the condenser turret to the FL position. This reduces background noise in the fluorescence image from incidental light coming from the top lens of the condenser.



## Remain Comfortable During Extended Usage

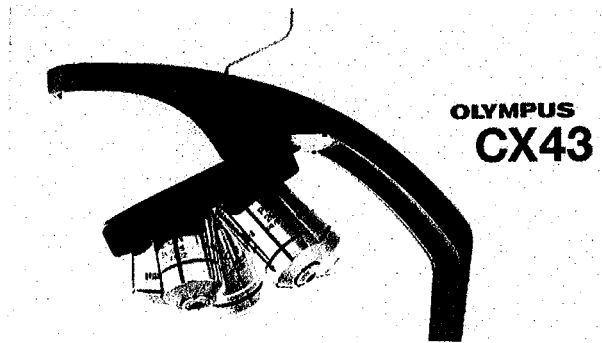
### Single-Handed Sample Placement

A specimen can be quickly slid in and out using one hand. The specimen holder opens a little and firmly retains the specimen during operation. The versatile holder accommodates a variety of slide types, including a hemocytometer.



### Use Up to Five Objectives

For added flexibility, up to five objectives can be mounted on the revolving nosepiece. In addition to general objectives, users can select a 2X objective for wide area observation or objectives for phase contrast. These objectives with long working distances help keep specimens from getting damaged.



### Ergonomically-Positioned Focus Knob

The low-positioned focusing knob enables users to make observations while keeping their hands and forearms resting on the desk, helping provide comfort. The focusing stopper prevents a specimen from accidentally hitting an objective when working under high magnification.

### Smooth Magnification Change

The low-positioned revolving nosepiece enables users to quickly change magnifications with minimal arm movement between focusing, greatly improving work efficiency during prolonged use.



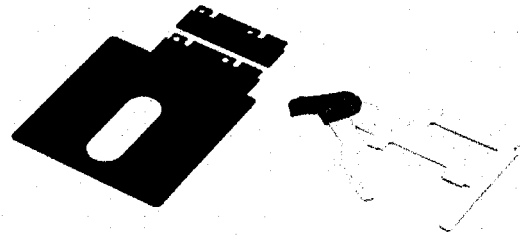
### **Ergonomic Stage and Eyepiece Position**

The low-positioned stage is designed to enhance comfort and reduce fatigue. The stage surface can be widely seen from the eye point position, which enables users to smoothly set and check specimens on the stage. The stage knob can be controlled with just a light touch and can be adjusted at the same time as the focusing knob, since they are located close together.



### **Specimen Holders that Match Your Observation Style**

Stage accessories improve efficiency when users need to observe a large number of specimens. With the specimen holder sheet, a specimen can be freely operated by a finger on the sheet and can be precisely adjusted using the stage knob. The double specimen holder can retain a large specimen or two specimens.



### **Simplified Fluorescence Observation**

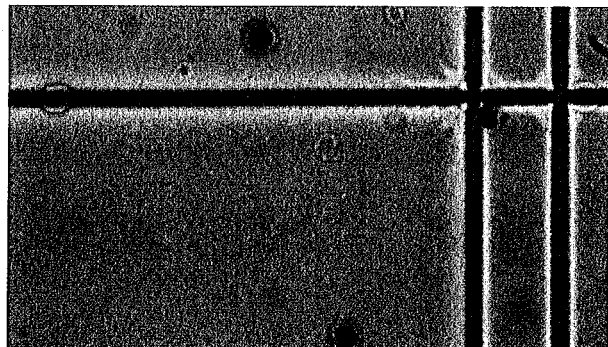
Fluorescence observation can be easily set up on the standard configuration while keeping the eye point the same as other observation methods. Simply plug the compact fluorescent illuminator into the back of the microscope frame.



# Versatile Applications

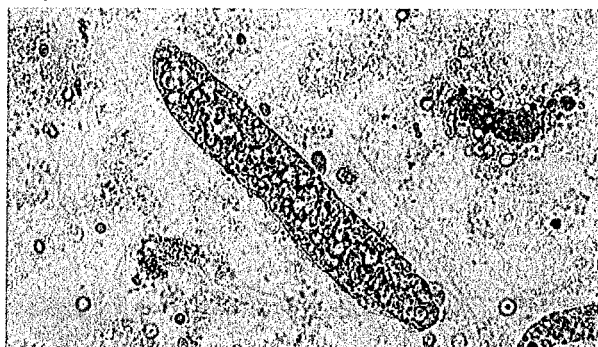
The universal condenser offers a variety of observation methods and future upgradability. In combination with the five-position revolving nosepiece, multiple applications can be covered using the single microscope frame.

## Brightfield



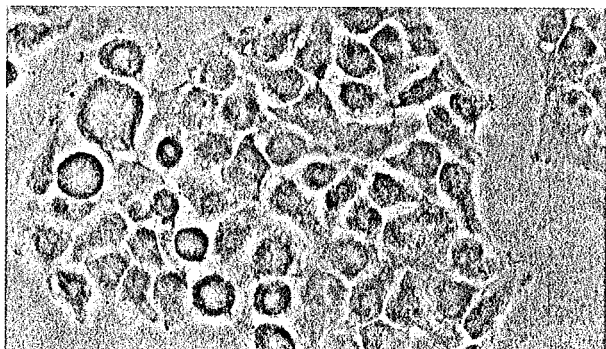
Leukocyte (minimum iris aperture)

## Brightfield



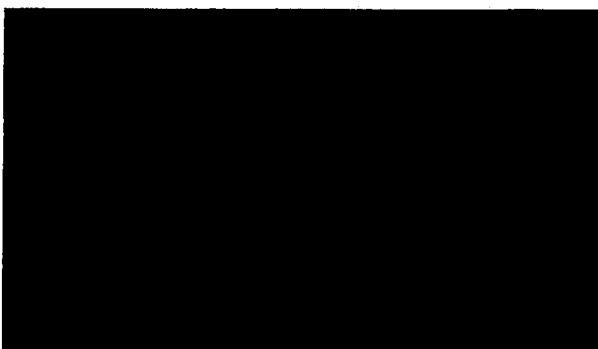
Urinary Cast (minimum iris aperture)

## Phase Contrast



HeLa cells

## Fluorescence



Renal Glomerulus

## Accessories

### Simple polarizing intermediate attachment/CX3-KPA

Offers polarized observation of urate crystals and amyloid in combination with a polarizer and analyzer.

### Eyepoint adjuster/ U-EPA2

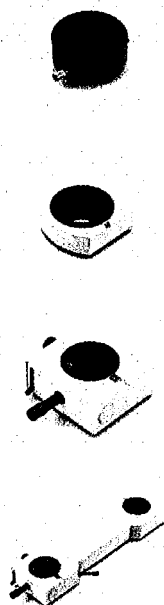
Raise the eyepoint position by 30 mm (1.2 in.) for added comfort.

### Arrow pointer/ U-APT

Insert an LED arrow into your image; great for digital imaging and presentations.

### Dual observation attachment/U-DO3

Enables dual, simultaneous observation of a single specimen from the same direction with equal magnification and brightness for both operators. A pointer can be used to indicate specific sections of the specimen to simplify the training process and enhance discussion.



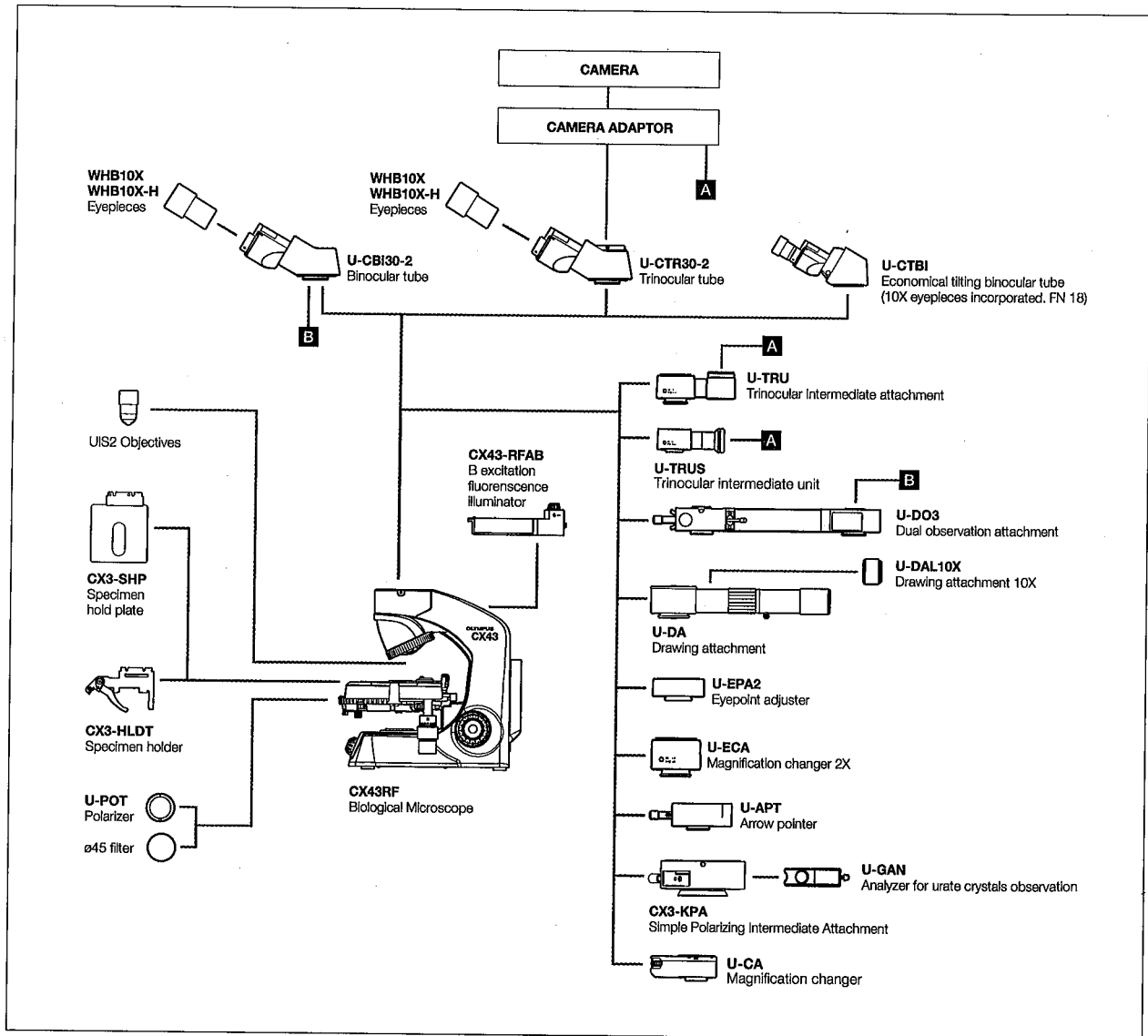
## CX33 Microscope

For less demanding requirements using only brightfield and darkfield, the CX33 microscope is a great option. The low-positioned nosepiece and stage, focusing lock, specimen holder, and inward quadruple revolving nosepiece make the it is well-suited for everyday observations in one easy configuration.



CX33

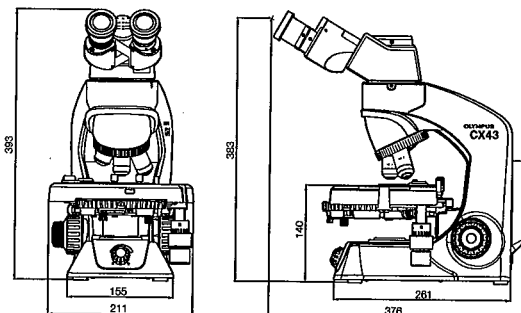
## CX43 System



## Dimensions

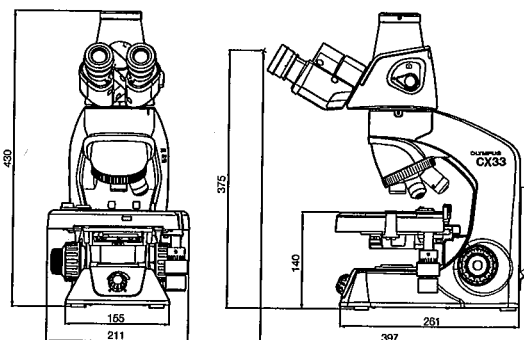
(Unit: mm)

**CX43**



Weight: Approx. 7.3 kg

**CX33**



Weight: Approx. 7.0 kg

### CX43 Specifications

Optical System		UIS2 (universal infinity-corrected) optical system		
Illumination System		<ul style="list-style-type: none"> <li>Built-in transmitted illumination system</li> <li>Köhler illumination (fixed field diaphragm)</li> <li>LED power consumption 2.4 W (nominal value), precentered</li> </ul>		
Focusing		<ul style="list-style-type: none"> <li>Stage height movement (coarse movement stroke: 15 mm)</li> <li>Stroke per rotation for coarse adjustment knob: 36.8 mm, Focusing stopper</li> <li>Torque adjustment for coarse adjustment knob</li> <li>Fine focus knob (minimum adjustment gradations: 2.5 µm)</li> </ul>		
Revolving Nosepiece		Fixed quintuple nosepiece with inward tilt		
Stage		<ul style="list-style-type: none"> <li>Wire movement mechanical fixed stage, (W × D): 211 mm × 154 mm</li> <li>Traveling range (X × Y): 76 mm × 52 mm</li> <li>Single specimen holder (optional: double specimen holder, sheet holder)</li> <li>Specimen position scale</li> <li>Stage XY movement stopper</li> </ul>		
Observation Tube	Type	Binocular	Trinocular	Tilting binocular
	Eyepiece	10X Field Number (FN): 20	10X Field Number (FN): 20	10X Field Number (FN): 18
	Tube Inclination	30°	30°	30°–60°
	Light Path Selector	None	None (eyepiece/camera port = 50/50 fixed)	None
	Interpupillary Distance Adjusting Range	48–75 mm		
Condenser		<ul style="list-style-type: none"> <li>Abbe condenser NA 1.25 with oil immersion</li> <li>Universal condenser with 7 turret positions: BF (4–100X), 2X, DF, Ph1, Ph2, Ph3, FL</li> <li>Condenser turret lock pin (BF only)</li> <li>Built-in aperture iris diaphragm</li> <li>AS lock pin</li> </ul>		
Observation Methods		Brightfield, simple polarization, fluorescence, phase contrast, darkfield		
Objectives		Plan achromat (UIS2) 2X NA 0.06 W.D. 5.8 mm 4X NA 0.1 W.D. 18.5 mm 10X NA 0.25 W.D. 10.6 mm 10XPH NA 0.25 W.D. 10.6 mm 20X NA 0.4 W.D. 1.2 mm 20XPH NA 0.4 W.D. 1.2 mm 40X NA 0.65 W.D. 0.6 mm 40XPH NA 0.65 W.D. 0.6 mm 60X NA 0.8 W.D. 0.2 mm 100XO NA 1.25 W.D. 0.13 mm 100XOPH NA 1.25 W.D. 0.15 mm 100XOI NA 1.25–0.6 W.D. 0.13 mm		
Fluorescence Light Source		Easily add an LED reflected fluorescence illuminator (peak excitation wavelength 470 nm: B excitation only), precentered		
Rated Voltage/Electric Current		AC 100–240 V 50/60 Hz 0.4 A		

### CX33 Specifications

Optical System		Infinity optical system		
Illumination System		<ul style="list-style-type: none"> <li>Built-in transmitted illumination system</li> <li>Köhler illumination (fixed field diaphragm)</li> <li>LED power consumption 2.4 W (nominal value), precentered</li> </ul>		
Focusing		<ul style="list-style-type: none"> <li>Stage height movement (coarse movement stroke: 15 mm)</li> <li>Stroke per rotation for coarse adjustment knob: 36.8 mm, Focusing stopper</li> <li>Torque adjustment for coarse adjustment knob</li> <li>Fine focus knob (minimum adjustment gradations: 2.5 µm)</li> </ul>		
Revolving Nosepiece		Fixed quadruple nosepiece with inward tilt		
Stage		<ul style="list-style-type: none"> <li>Wire movement mechanical fixed stage, (W × D): 211 mm × 154 mm</li> <li>Traveling range (X × Y): 76 mm × 52 mm</li> <li>Single specimen holder (optional: double specimen holder, sheet holder)</li> <li>Specimen position scale</li> <li>Stage XY movement stopper</li> </ul>		
Observation Tube		<ul style="list-style-type: none"> <li>30° inclined trinocular tube</li> <li>Light path selector: eyepiece/camera port = 100/0 or 0/100</li> <li>Interpupillary distance adjusting range: 48–75 mm</li> <li>Eyepoint adjustment: 375.0–427.9 mm</li> </ul>		
Eyepieces		<ul style="list-style-type: none"> <li>10X Field Number (FN): 20</li> <li>15X Field Number (FN): 16 (optional)</li> </ul>		
Condenser		<ul style="list-style-type: none"> <li>Abbe condenser NA 1.25 with oil immersion</li> <li>Built-in aperture iris diaphragm</li> </ul>		
Observation Methods		Brightfield, darkfield		
Objectives		Plan achromat 4X NA 0.1 W.D. 27.8 mm 10X NA 0.25 W.D. 8.0 mm 20X NA 0.4 W.D. 2.5 mm (optional) 40X NA 0.65 W.D. 0.6 mm 100X NA 1.25 W.D. 0.13 mm (optional)		
Rated Voltage/Electric Current		AC 100–240 V 50/60 Hz 0.4 A		

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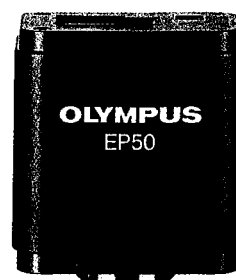
Printed in Japan N8601725-012020

# OLYMPUS

Microscope Digital Camera

## OLYMPUS EP50

Wireless Digital Imaging  
Engaging, Collaborative Education



Not for clinical diagnostic use.

# Flexible Classroom for the Digital Age



Adding wireless (WLAN) capabilities to a science classroom enables students to work together in an interactive way. The flexibility offered by wireless connectivity improves efficiency, helping educators save time and reduce costs.

Every microscope equipped with a WLAN-enabled EP50 camera becomes a wireless imaging system. Connect through the camera's

WLAN signal\* and stream 5-megapixel images and Full HD videos to mobile devices or WLAN-enabled PCs and laptops.

Installing the camera is easy. Its stand-alone functionality is enabled by onboard imaging software, making additional PC equipment unnecessary.

\*A USB WLAN adaptor is required to operate the camera in wireless mode. This WLAN adaptor is not included with the standard EP50 package. Please contact your local sales representative.

## Inspiring Enthusiasm

The free EPView app makes it easy to connect wirelessly to the EP50 camera. Educational activities are enhanced by the easy-to-navigate interface and the crisp images shared among students on their mobile devices.

## Interactive Learning

Wirelessly stream images and video to enable collaboration and interactive learning between students and educators.



## Engaging Lectures

Use the HDMI port to connect the camera to monitors and projectors to display live or previously captured images.

## Improved Learning Process

Onboard imaging software with full stand-alone capabilities enables users to display live images directly on a Full HD monitor and store data on an SD card without additional hardware.



## Inspiring Enthusiasm

With its USB WLAN adaptor, the EP50 camera can create its own wireless network, but it can also be integrated into LAN networks using its USB-to-Ethernet adaptor. Entire classrooms can easily connect to the camera using the free EPView app for mobile devices and software for Windows operating systems. The simple and intuitive user interface enables students and teachers to easily capture, process, and store sample images.



## Interactive Learning

Teachers and students can directly access live microscope images, making the classroom a truly interactive space. Images can be shared with the entire class, enabling open discussion between students and educators based on live examples. Simultaneous direct output of WLAN and HDMI is available.

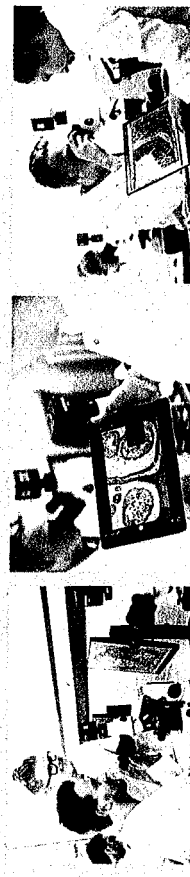


## Engaging Lectures

The camera easily connects to a monitor or projector so that teachers can support their lectures with live images or videos. The EP50 camera transforms the microscopy classroom from an individual experience into an engaging group activity.

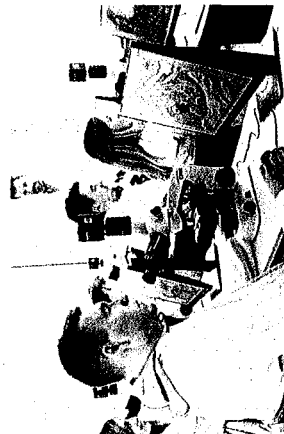
## 3 Control Options

The camera can be controlled with OSD (On-Screen Display) software using a monitor and mouse, or with the EPView app for mobile devices and EPView software for PCs and laptops with Windows operation systems. All three options provide controls for image acquisition and display, basic measurements, annotation, and sharing functionality.



## Improved Learning Process

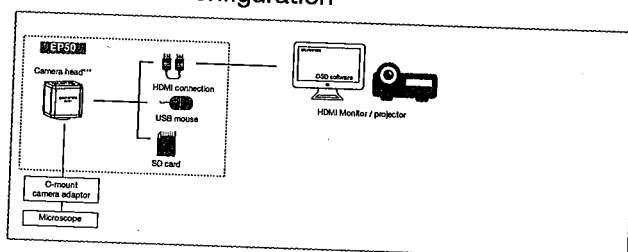
Display live images directly on a Full HD monitor using the HDMI output with no additional hardware required. The onboard interface enables users to control the camera through its simple on-screen icons — only a monitor and mouse are required. Image and movie files can be stored on an SD card for sharing and further investigation.



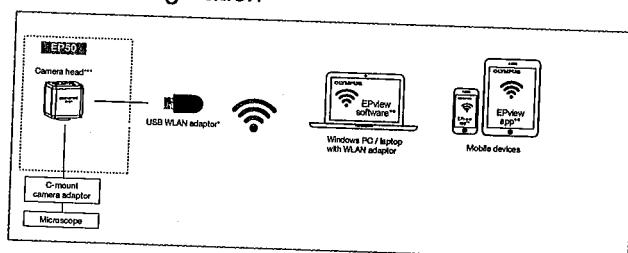


## EP50 CAMERA SYSTEM DIAGRAMS

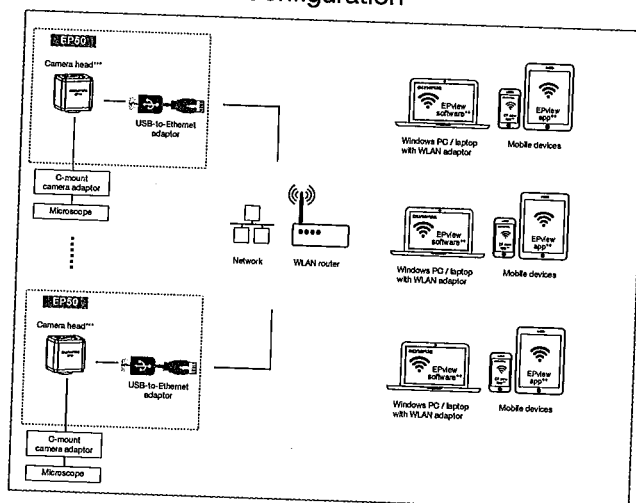
### Stand-Alone Configuration



### WLAN Configuration



### Digital Classroom Configuration



\* The USB WLAN adaptor is an optional accessory of the EP50 camera.

\*\* EPView is available for iOS, Android, and Windows operating systems.

\*\*\* USB connection for USB mouse, USB WLAN adaptor\*, and USB-to-Ethernet adaptor only.

\*\*\*\* The frame rate may be lower depending on the available network infrastructure capabilities/performance.

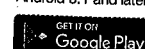
## EP50 CAMERA SPECIFICATIONS

Image Sensor	Color CMOS
Sensor Size	1/1.8 Inch (7.140 mm x 4.980 mm)
Resolution (Max.)	2592 x 1944 pixels (Snapshot only)
	1920 x 1080 pixels (HDMI, WLAN, on PC)
Pixel Size	2.4 x 2.4 $\mu$ m
A/D Converter (Bit Depth)	8 bits
Exposure Times	1 ms - 918 ms
	Snapshot only (2592 x 1944 pixels)
Live Frame Rates	Up to 30 fps (on PC, 1920 x 1080 pixels)
	Up to 60 fps (HDMI Output, 1920 x 1080 pixels)
	Up to 25 fps (WLAN Output, 1920 x 1080 pixels)****
Data Transfer	HDMI, WLAN (using the WLAN adaptor), Ethernet (using the USB-to-Ethernet adaptor)
Annotation Functions	Text, Arrow, Rectangle, Circle
	Line: Length measurement
	Parallel lines
	Circle: Diameter, area, perimeter measurement
Measurement Functions	Angle: Angle measurement
	Rectangle: Area, perimeter measurement
	Polygon: Area, perimeter measurement
	Point: Coordinates, number
	Scale bar

Supported Mobile Device OS: EPView is available for

iOS 11 and later

Android 5.1 and later



Remarks

Supported number of connections to one camera: 6  
WLAN adaptor not included. Please contact your local sales representative.

PC Control

Microsoft Windows 10 (32 bit/64 bit)

Microsoft Windows 8/8.1 (32 bit/64 bit)

Microsoft Windows 7 (32 bit/64 bit)

Dimensions (W x D x H)

78 mm x 65 mm x 88 mm (3.08 in. x 2.56 in. x 3.47 in.)

Weight

Approx. 470 g (1.04 lb)

Camera Mount

C-mount

Storage

SD (HC I; UHS-I, Class 10) Card

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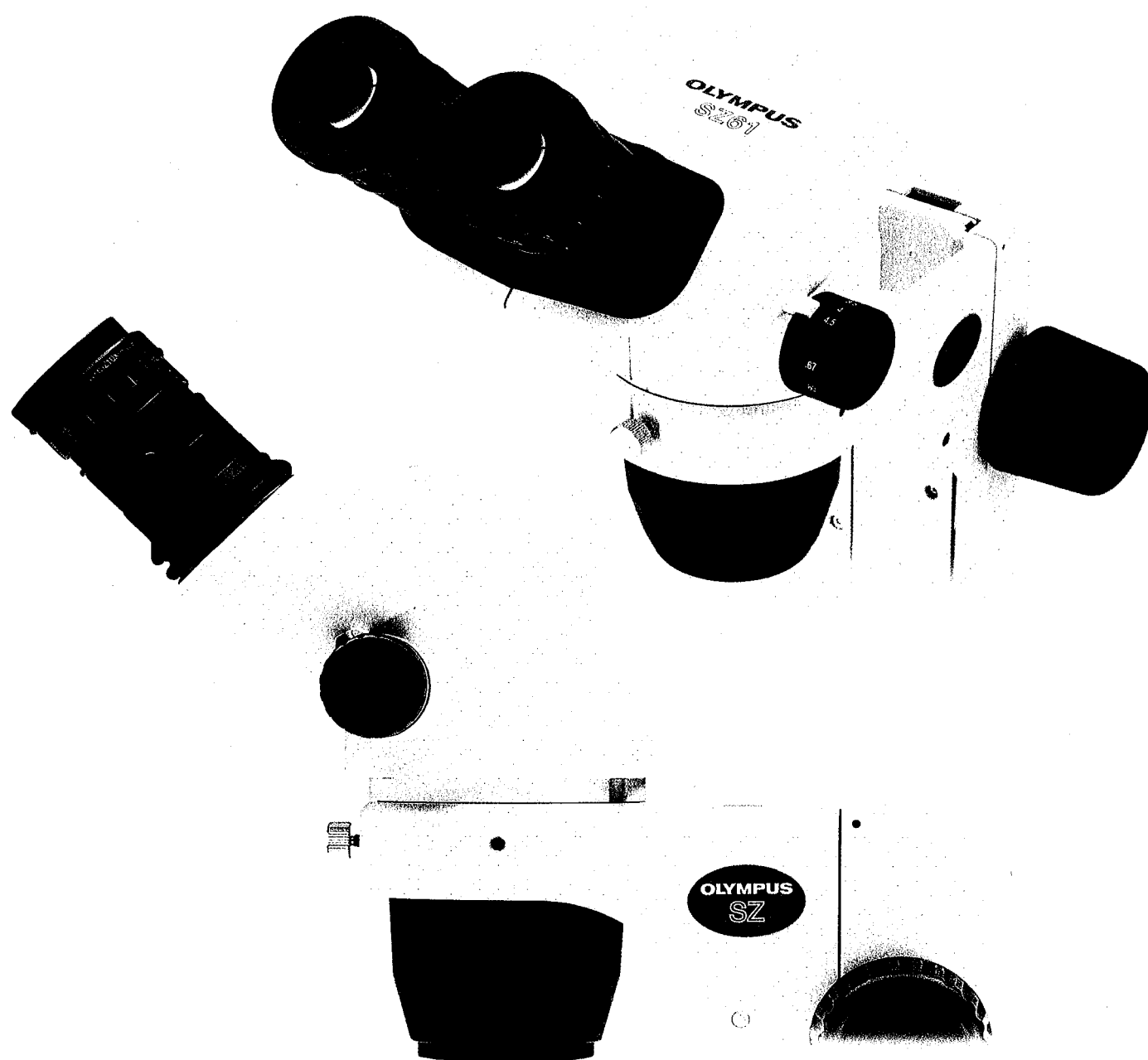
N8601137-022019

**OLYMPUS<sup>®</sup>**

Zoom Stereomicroscope

**SZ61/SZ51**

For Life Sciences



# User Comfort is Essential for Consistent, Accurate Results

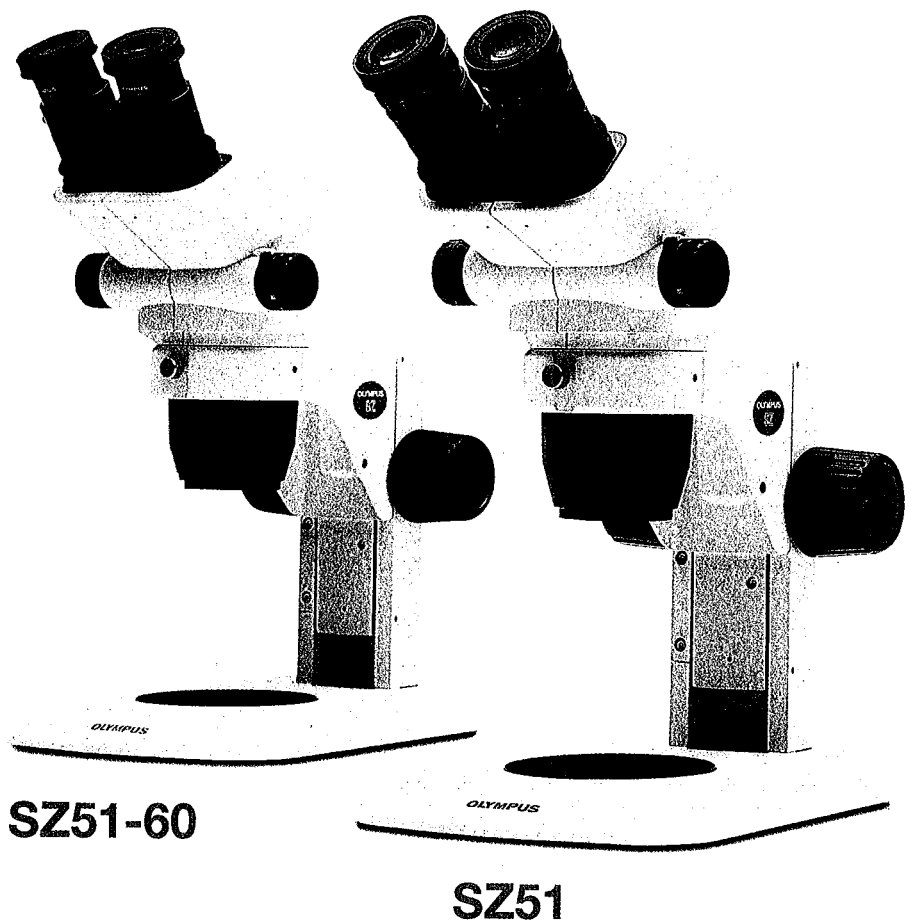
User comfort is a priority for Olympus, and the SZ61 and SZ51 microscopes set a new standard.

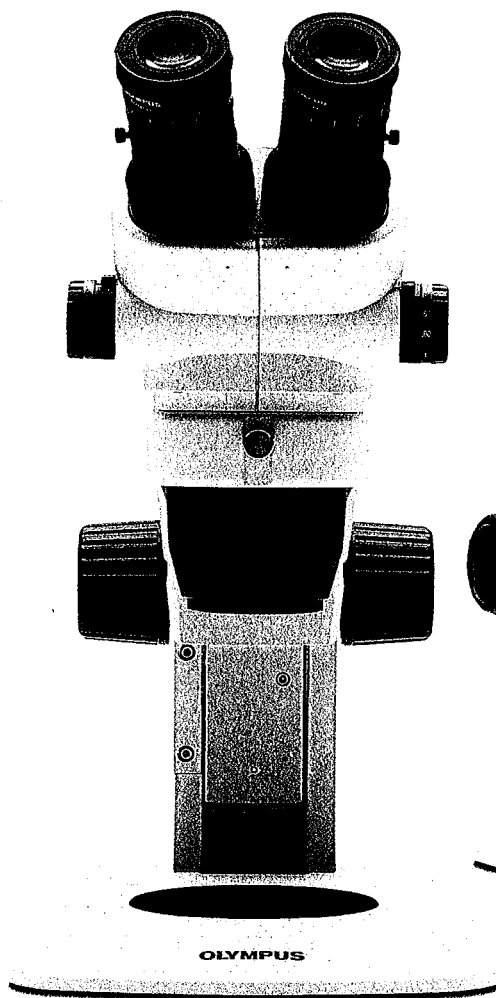
The smoothly contoured finished, eyepiece, and the accessible, responsive controls make the microscopes easier and more comfortable to use.

The compact design is facilitated by the microscope's Greenough optical system, which delivers good flatness and ample depth of field along with clarity, detail, good color rendering, and small distortion.

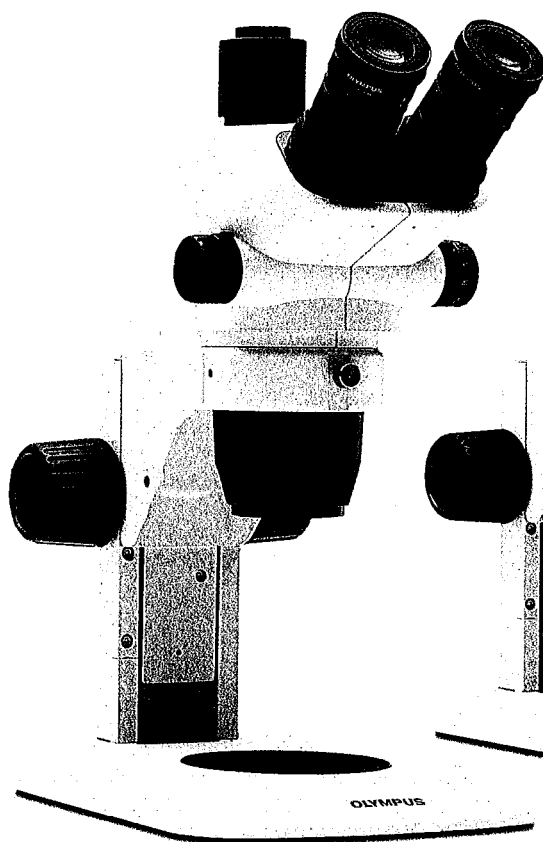
Dependable, high-performance optics enable consistent, accurate results while ergonomic features make long-duration tasks easier and less demanding to perform.

The SZ61/SZ51 microscopes deliver the comfort and functionality that are critical for modern biological microscope applications.

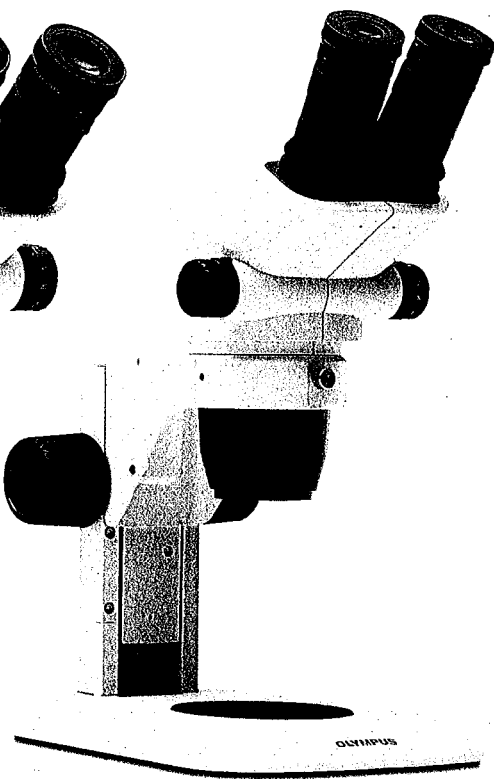




**SZ61**



**SZ61TR**



**SZ61-60**

# High-performance optics in a compact, comfortable design

The microscopes' improved Greenough optical system enable the SZ61 and SZ51 microscopes to successfully meet the demand for a variety of observation and documentation options in a compact design. Clear, sharp image reproduction is matched by ergonomic design elements that maximize comfort and ease of use.

The SZ61 and SZ51 microscope bodies are manufactured using lead-free optics, demonstrating Olympus' commitment to the environment.

## High 6.1:1 zoom ratio

The SZ61 microscope's magnification range extends from 6.7 $\times$  through 45 $\times$  (using 10 $\times$  eyepieces), with a zoom ratio of 6.7:1. The advanced optical system enables quick, comfortable observations at appropriate magnification. The SZ51 provides a magnification range from 8 $\times$  through 40 $\times$  (using 10 $\times$  eyepieces), with a zoom ratio of 5:1.

## Outstanding depth of field and flatness

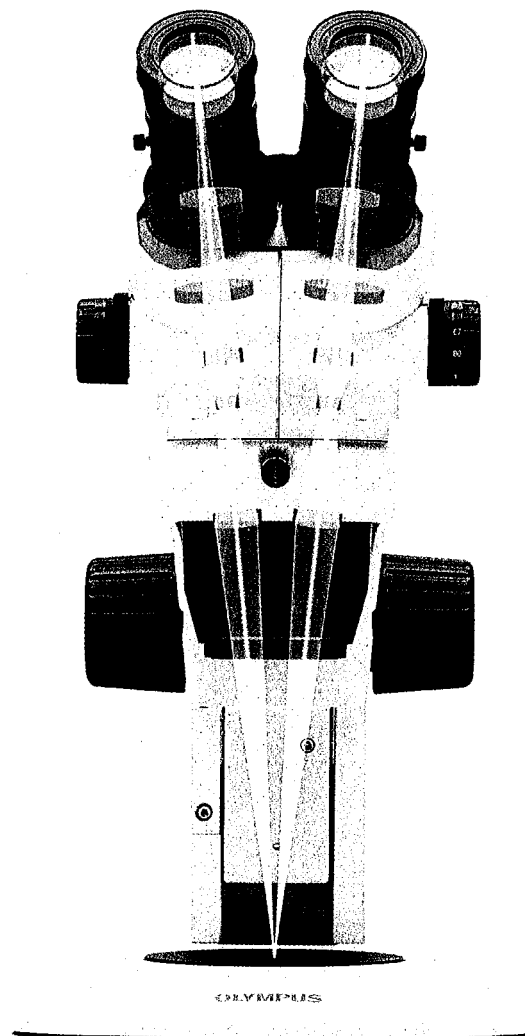
The 10-degree angle of convergence in the Greenough optical system produces excellent image flatness with a large depth of field.

## High-fidelity color reproduction

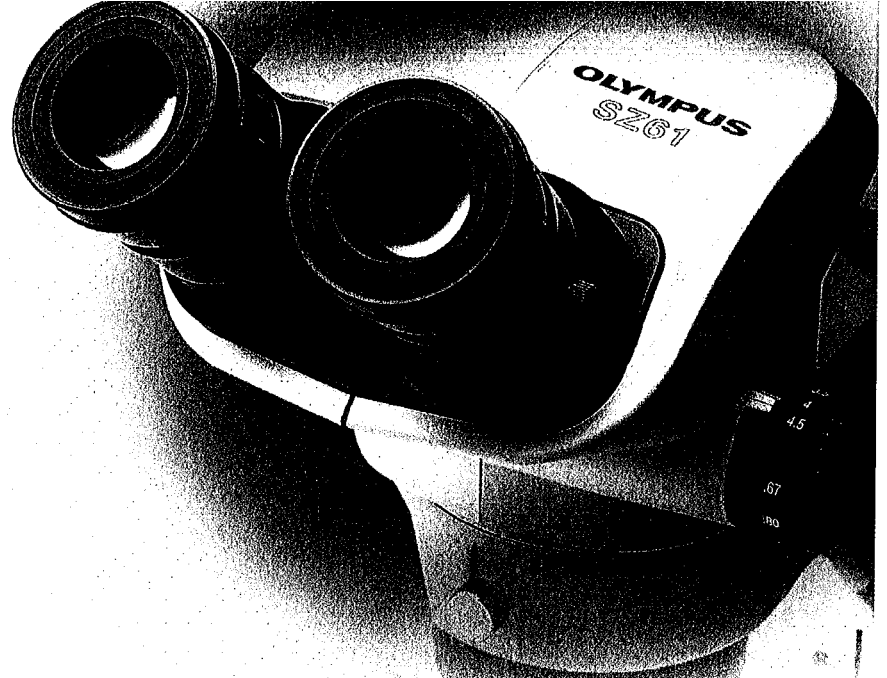
Carefully selected lens surface coatings and glass materials throughout the optical system make it possible to observe and document specimens in their original, authentic colors.

## Sharp, high-contrast images

High-contrast images and field flatness help achieve accurate reproduction and documentation of original specimen shapes.

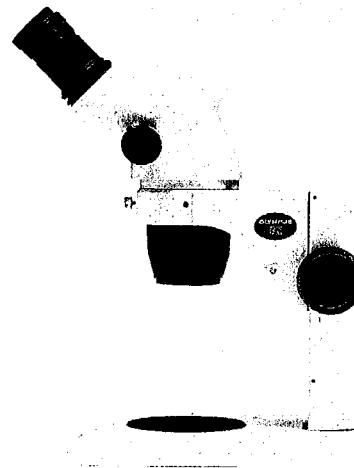


*The Greenough optical system has two zoom optical paths inclined at a 10° angle. This enables a compact microscope design with high performance.*



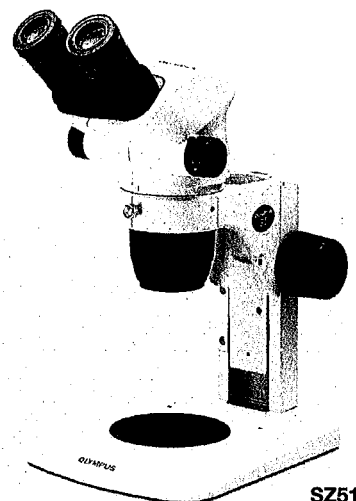
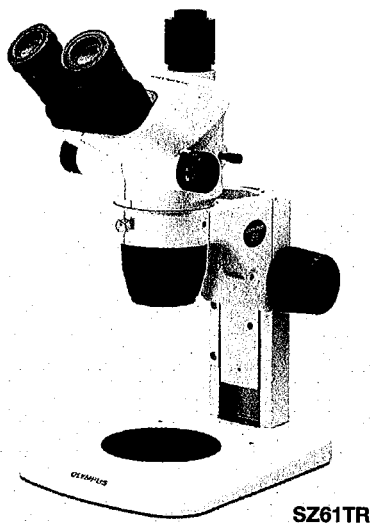
#### Five variations in zoom performance

The SZ61 and SZ51 provide five system configuration choices. First, they can both be equipped with an ergonomically designed 45° inclination tube when mounted on standard stands. Second, operators can attach a 60° inclination tube (SZ61-60/SZ51-60) for special applications where the zoom body has to be tilted for use with other equipment or mounting on a universal stand. And for documentation purposes, Olympus also offers the SZ61TR, which incorporates a trinocular tube, so you can easily attach digital and video cameras.



#### Convenient front-access operation

Improved ease of access to the most frequently used knobs and controls maximizes operator comfort and reduces neck and back strain.



# The right accessory for every application

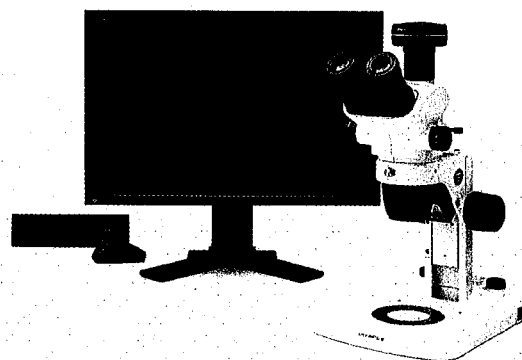
## DP22 digital camera

The DP22 stand-alone digital camera enables easy observation, focusing, framing, and saving while enabling smooth, live display of high-definition images for professional-looking presentations. The dedicated control box provides smooth and intuitive operation using a touch screen monitor or a mouse (no PC required).

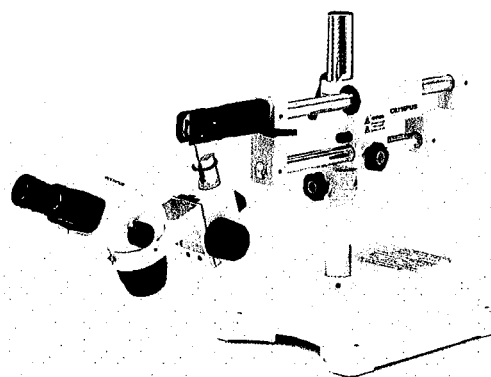
\*DP22 digital camera is not for clinical diagnostic use.

## Various universal stands

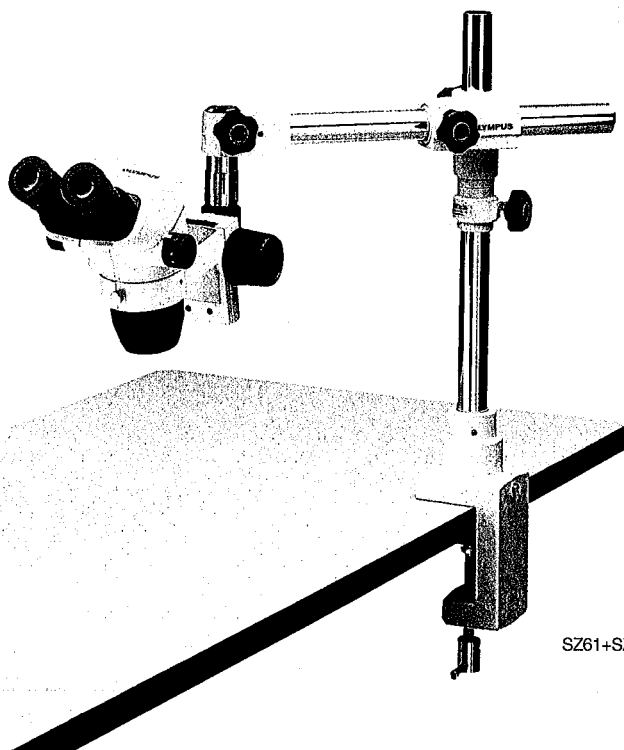
A variety of universal stands are available for the observation of large specimens. No matter how big the samples are or how much they vary in size, Olympus has the right choice of stand to suit your requirements.



SZ61TR+DP22



SZ61+SZ2-STU2



SZ61+SZ2-STU3

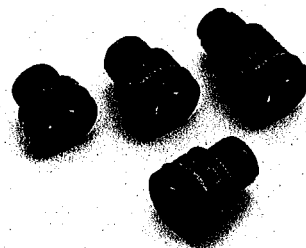


#### Wide range of auxiliary objectives and eyepieces

Auxiliary objectives enable you to make observations at the suitable working distance (W.D.) for a variety of applications. W.D. can be changed between 250 mm–350 mm (0.3x objective) and 180 mm–250 mm (0.4x objective). Eyepieces are available ranging from 10x to 30x to optimize system magnification.



Auxiliary Objectives



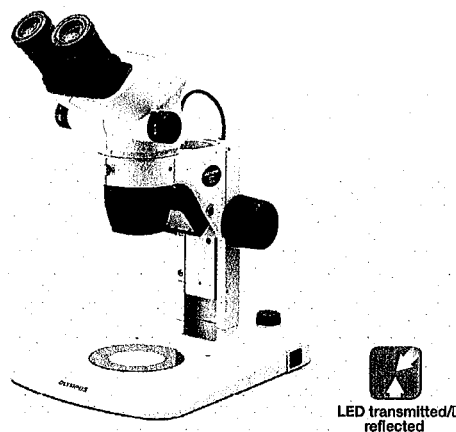
Eyepieces



# Choose the right illuminator for your work

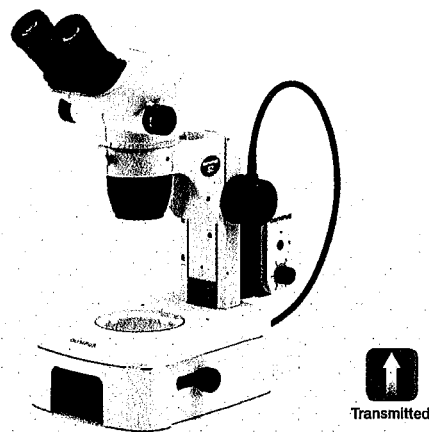
## LED illuminator stand / SZ2-ILST

The LED stand features a thin design to maintain a low sample position and sample positions low and to optimize operability. Simultaneous transmitted and reflected light are available on this stand. LED light offers both a long lifetime and consistent color temperature at any intensity.



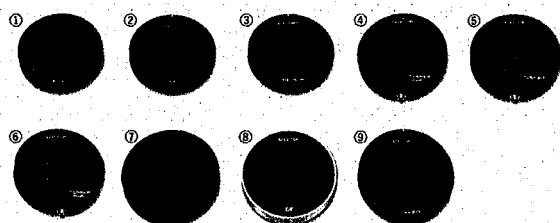
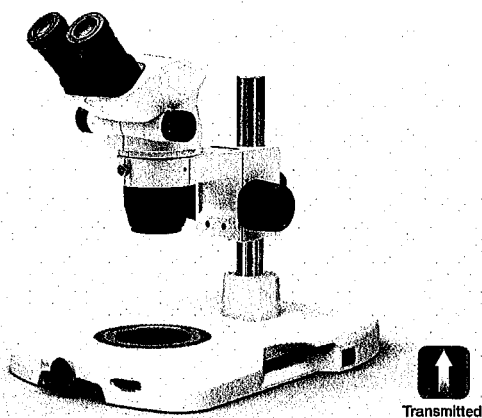
## Transmitted illumination attachment / SZ2-ILA

Used with the SZ2-ST stand, this cost-effective illumination stand provides bright, uniform illumination from low to high magnifications. A tiltable mirror provides direct and oblique illumination for low-contrast specimens. Available LED light sources (SZ2-CLS or BX3M-LEDT) provide the necessary power for a variety of illumination needs.



## Choice of Your Suitable Contrast and Observation Method / SZX2-ILLTQ/SZX2-ILLTS

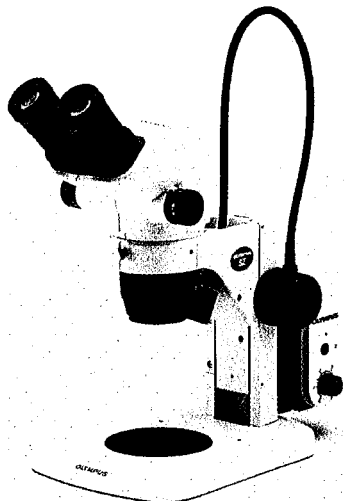
With a slim 41.5 mm (1.6 in.) design that is approximately half the thickness of previous halogen lamp transmitted light illumination bases, our LED transmitted light illumination bases have a lower height to enable a low eyepoint and easy access to base-mounted samples during observation and operation. The LED illumination base SZX2-ILLTQ with quad position turret enables the user to choose cartridges and to switch from brightfield (standard/high/low), oblique (standard/high/low), darkfield, polarized illumination, and shutter with a simple turn. A one position LED illumination base is also an option (SZX2-ILLTS). This makes the SZ2 series a flexible all-in-one microscope for various samples and observation tasks. Another advantage of LED illumination is a cooler base surface, which is suitable for long-duration manipulation of live specimens. Power consumption is lower than a conventional 30 W halogen light source. A lifetime of over 60,000 hours significantly reduces operation costs.



Product	Observation Methods and Contrasts
① SZX2-CBFL	Brightfield, low-contrast
② SZX2-CBF	Brightfield, standard
③ SZX2-CBFH	Brightfield, high-contrast
④ SZX2-COBL	Oblique, low-contrast
⑤ SZX2-COB	Oblique, standard
⑥ SZX2-COBH	Oblique, high-contrast
⑦ SZX2-CSH	Shade plate
⑧ SZX2-CDF	Darkfield
⑨ SZX2-CPO	Polarization plate

**Flexible light guide / SZ2-CLGSF**

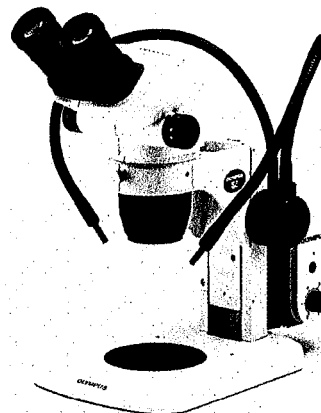
A single fiber optic guide is fixed at the back of the objective so as not to disturb microscope operation.



Single

**Dual interlock light guide / SZ2-CLGDI**

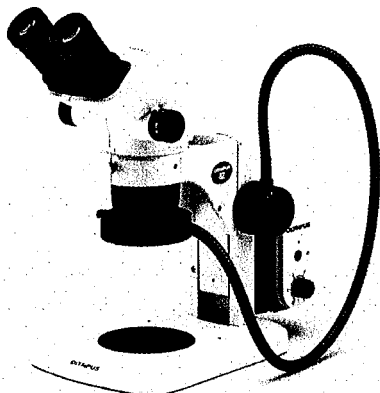
Standard oblique semirigid fiber optic light guide. The light source position on the rear side of the stand saves desk space.



Double

**Six-point ring light guide / SZ2-CLGR**

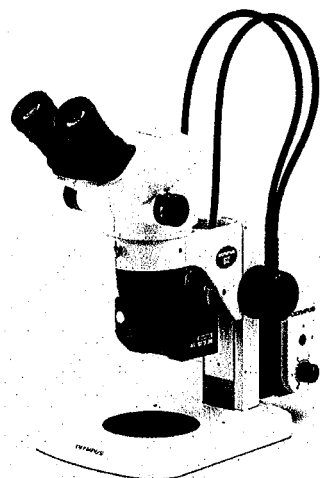
Used with the SZ2-CLS illumination system, this ring light guide provides bright and uniform images.



Ring light

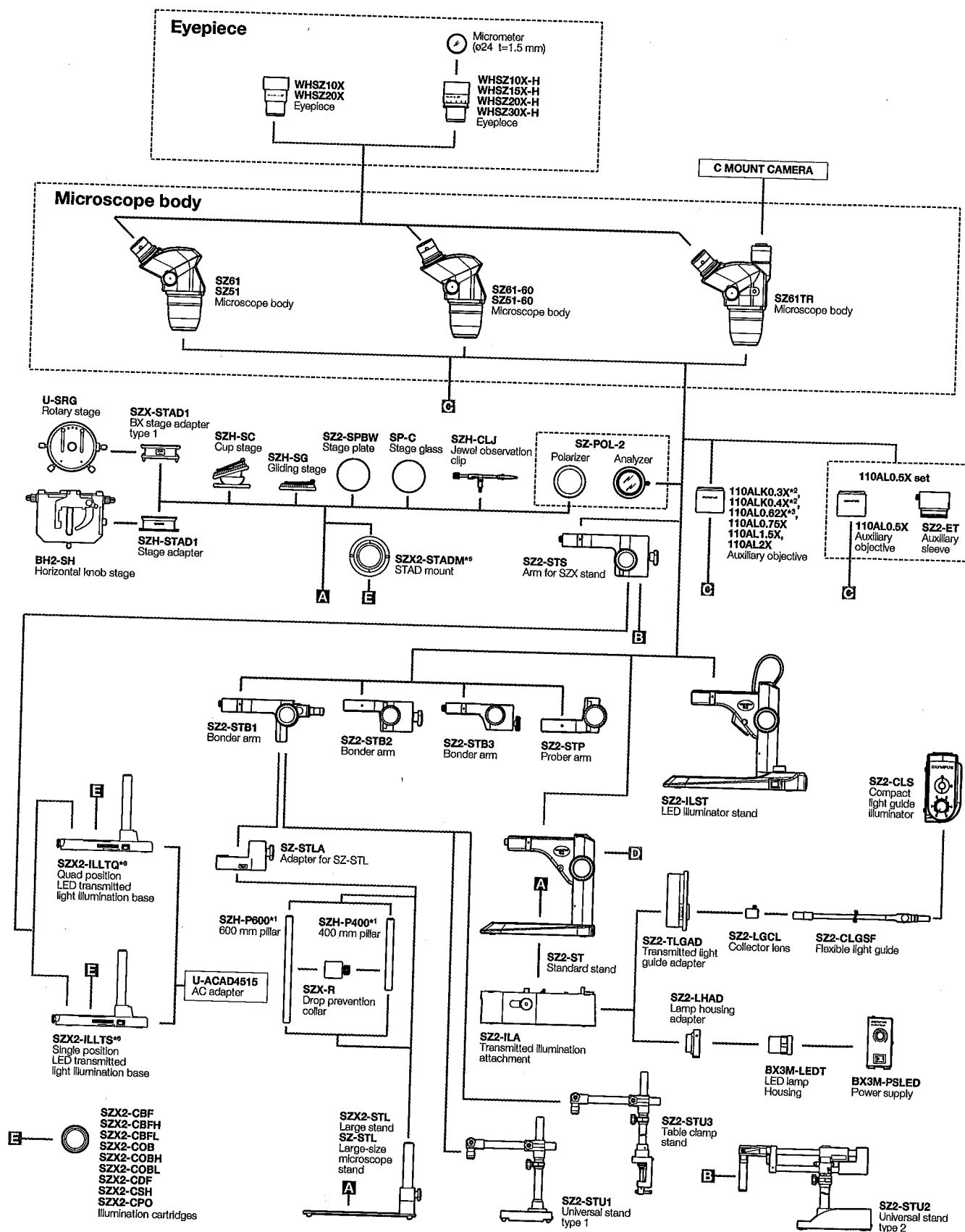
**Coaxial reflected light illuminator / SZ2-ILLC**

It combines a polarizer and a  $1/4\lambda$  plate, making it easier to view samples that are difficult to examine under oblique reflected light illumination.



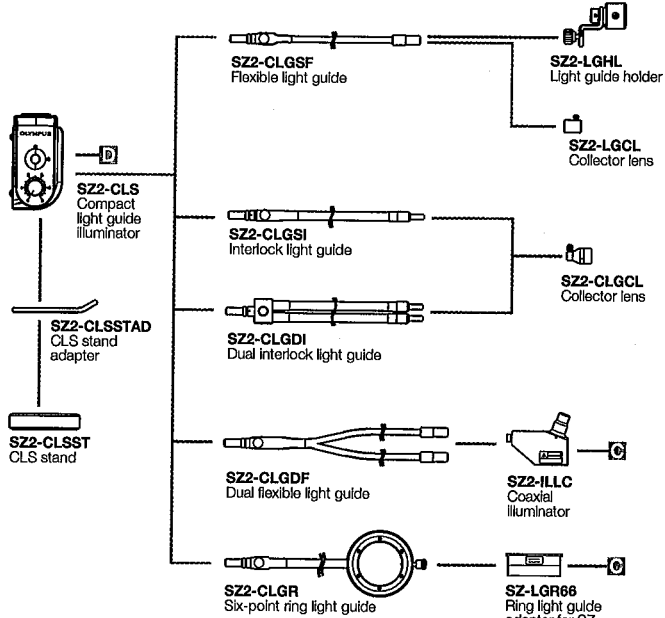
Coaxial

# ■ SZ61/SZ51 system diagram

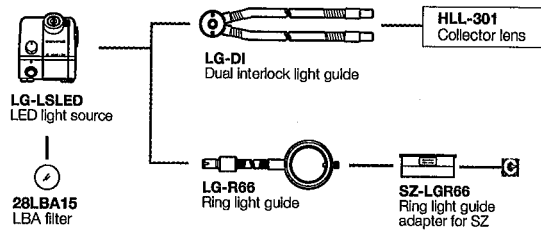


\*1 SZH-P400 and SZH-P600 can be attached to the transmitted light illuminators. \*2 For information about configurable illumination base or stand, contact your nearest Olympus dealer.  
 \*3 Made to order. \*4 Not available in some areas. \*5 SZX2-STADM cannot be combined with SZ2-SPBW, SP-C and SZ-POL-2. \*6 SZX2-ILLTQ/ILLTS cannot be combined with SZH-CLJ.

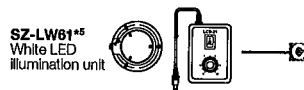
## SZ2-CLS



## LG-LSLED



## LED ring illumination

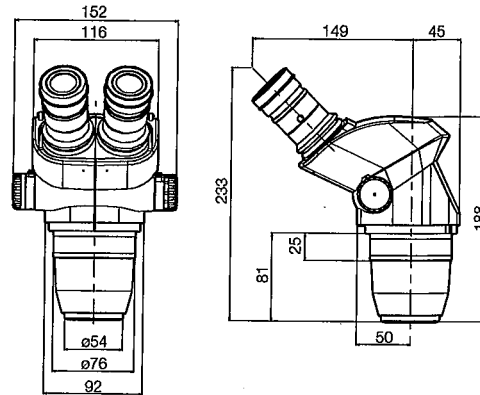


\*5 SZ-LW61 cannot be combined with SZ2-ILST.

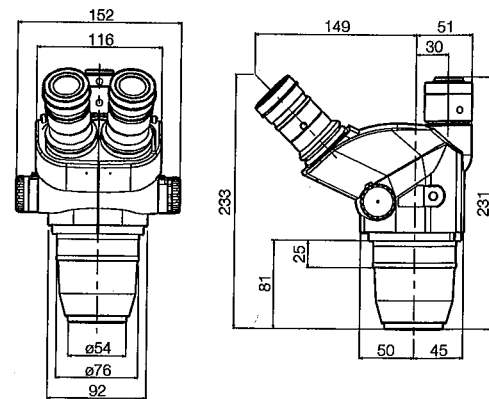
## SZ61/SZ51 dimensions

(Unit: mm)

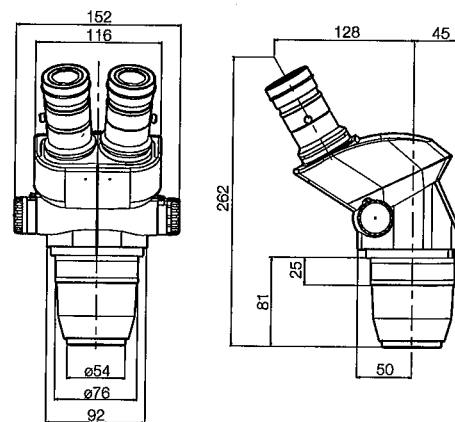
### SZ61 / SZ51



### SZ61TR



### SZ61-60 / SZ51-60



## ■ SZ61/SZ51 specifications

Item	Specifications				
Microscope body	SZ61	SZ61-60	SZ61TR	SZ51	SZ51-60
SZ61	Magnification	0.67X to 4.5X		0.8X to 4X	
SZ61-60	Zoom ratio	6.7:1		5:1	
SZ61TR	Working distance	110 mm			
SZ51	Tube inclination angle	45°	60°	45°	60°
SZ51-60	Interpupillary distance adjustment	Left/right interlocked Adjustment range: 52 to 76 mm (using the WHSZ10X eyepieces)			
	Video camera adaptability	—		C mount (0.5X built in)	—
	Zoom adjustment knob	Left/right single-shaft horizontal knob Interpupillary distance high/low magnification stopper incorporated.			
	Optical components	Lead-free			
Auxiliary objective	Mount by screwing into the thread at the bottom of frame (M48 thread X0.75)				
Eyepiece	WHSZ series Lead-free				
Stand	SZ2-ST		SZ2-ILST		
SZ2-ST SZ2-ILST	Standard stand	LED reflected/transmitted illumination stand			
	Frame installation	Mounting diameter: 76 mm			
	Focusing adjustment	Focusing stroke: 120 mm			
	Stage plate	SZ2-SPBW (Black & white for anti-ESD) SP-C (Clear glass plate)		100 mm diameter dedicated glass plate is included	
	Light source	Compact light guide illuminator SZ2-CLS mountable (option) Transmitted light illumination attachment (SZ2-ILA) mountable (option)		Transmitted illumination: LED Reflected illumination: LED Average LED life span: 6000 hrs. Input rating: 100–120V/200–240V ~0.15/0.1 A; 50/60 Hz	
Weight	Zoom body only	1,300 g (2.9 lb)		1,500 g (3.3 lb)	1,300 g (2.9 lb)
	Configuration 3	3,520 g (7.8 lb)		3,720 g (8.2 lb)	3,520 g (7.8 lb)

Configuration: Zoom body + WHSZ10X-H(2) + SZ2-ST

## ■ SZ61/SZ51 optical performance

Microscope body	Zoom magnification	WHSZ10X-H WHSZ10X		WHSZ15X-H		WHSZ20X-H WHSZ20X		WHSZ30X-H	
		FN 22		FN 16		FN 12.5		FN 7	
		Total magnification	Field of view (mm)	Total magnification	Field of view (mm)	Total magnification	Field of view (mm)	Total magnification	Field of view (mm)
<b>SZ61</b>	0.67X	6.7	32.8	10.1	23.9	13.4	18.7	20.1	10.4
	1X	10	22	15	16	20	12.5	30	7
	2X	20	11	30	8	40	6.3	60	3.5
	3X	30	7.3	45	5.3	60	4.2	90	2.3
	4.5X	45	4.9	67.5	3.6	90	2.8	135	1.6
<b>SZ51</b>	0.8X	8	27.5	12	20	16	15.6	24	8.8
	1X	10	22	15	16	20	12.5	30	7
	2X	20	11	30	8	40	6.3	60	3.5
	3X	30	7.3	45	5.3	60	4.2	90	2.3
	4X	40	5.5	60	4	80	3.1	120	1.8

No auxiliary objective is attached

## ■ Auxiliary objective for SZ61/SZ51

	Working distance (mm)
<b>110ALK0.3X</b>	250 – 350
<b>110ALK0.4X</b>	180 – 250
<b>110AL0.5X</b>	200
<b>110AL0.62X*</b>	160
<b>110AL0.75X</b>	130
<b>110AL1.5X</b>	61
<b>110AL2X</b>	38

\*1 Made to order

## ■ WHSZ eyepiece

	FN	Diopter adjustment	Reticle	Focal magnification
<b>WHSZ10X</b>	22	—	N.A.	—
<b>WHSZ20X</b>	12.5	—	N.A.	—
<b>WHSZ10X-H</b>	22	-8 +5	Yes*2	—
<b>WHSZ15X-H</b>	16	-8 +5	Yes*2	—
<b>WHSZ20X-H</b>	12.5	-8 +5	Yes*2	1.3X
<b>WHSZ30X-H</b>	7	-8 +5	Yes*2	2X

\*2 Applicable reticle size: 24 mm diameter, 11.5

- OLYMPUS CORPORATION is ISO14001 certified.
- OLYMPUS CORPORATION is ISO9001 certified.
- OLYMPUS CORPORATION is ISO13485 certified.
- Illumination devices for microscope have suggested lifetimes. Periodic inspections are required. Please visit our website for details.

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OLYMPUS CORPORATION  
Shinjuku Monolith, 2-3-1 Nishi-Shinjuku, Shinjuku-ku, Tokyo 163-0914, Japan

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