

CX43 Upright Microscope Frame with Right-Hand Stage Controller and LED Illumination | Olympus CX43RF2

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Image shown is full assembly. Each component sold separately. See Technical Information tab for additional details.

Stock **#19-525** **7 In Stock**

-

1

+

S\$2,079<sup>.00</sup>

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Product Downloads

| General |               |
|---------|---------------|
| CX43RF2 | Model Number: |
| Olympus | Manufacturer: |

Note:  
Contains Frame, Nosepiece (mounted on frame),  
Focus handle and guide rail (mounted on frame),  
Stage (handle can be moved left or right side) (and  
mounted on frame), Condenser (mounted to

stage/frame), AC Adapter, Eyepiece clamp screws,  
Allen wrench

Regulatory Compliance

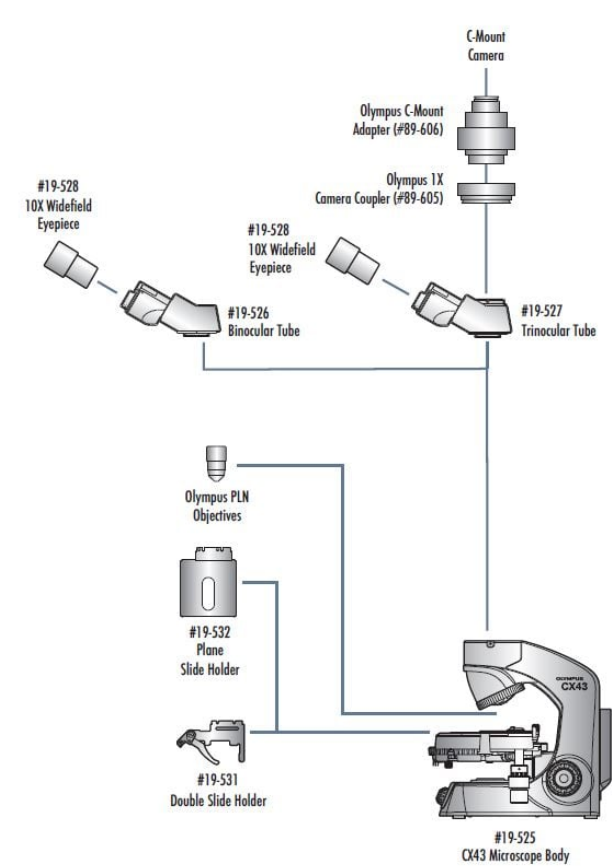
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Product Details

- Ergonomically Designed for Long Observation Periods
- Ideal for Brightfield and Darkfield Observation of Biological Specimens
- Trinocular Design Available for Camera Compatibility
- Compatible with [Olympus Plan Achromatic Objectives](#)

The Olympus CX43 Biological Microscope is an ergonomically designed microscope used for brightfield and darkfield observation. This microscope system uses [Olympus Plan Achromatic Objectives](#) to provide clear, flat images and can accommodate up to five objectives in its revolving nosepiece. The integrated LED illumination produces daylight conditions with consistent color temperature at any brightness, allowing for specimens to be viewed with their natural colors, and has a long lifetime of 60,000 hours. The Olympus CX43 Biological Microscope is ideal for use in education, research, and benchtop environments to observe cells, tissues, and other biological specimens. A trinocular observation tube and camera adapters are available for digital imaging and two specimen holders are available: a plane holder that allows for the specimen to be moved freely and a double slide holder that can retain one large specimen or two specimens in place.

Technical Information



| Description                                                       | Stock No.               |
|-------------------------------------------------------------------|-------------------------|
| <b>Microscope Body (Required)</b>                                 |                         |
| CX43 Microscope Body with Fixed Condenser and LED Illumination    | <a href="#">#19-525</a> |
| <b>Observation Tube (One Required)</b>                            |                         |
| Binocular Observation Tube                                        | <a href="#">#19-526</a> |
| Trinocular Observation Tube (Camera Adapter and Coupler Required) | <a href="#">#19-527</a> |
| <b>Eyepieces (Two Required)</b>                                   |                         |
| 10X Widefield Eyepiece                                            | <a href="#">#19-528</a> |
| <b>Objectives (One required)</b>                                  |                         |
| Olympus PLN 2X Objective                                          | <a href="#">#16-879</a> |
| Olympus PLN 4X Objective                                          | <a href="#">#86-812</a> |
| Olympus PLN 10X Objective                                         | <a href="#">#86-813</a> |
| Olympus PLN 20X Objective                                         | <a href="#">#86-814</a> |
| Olympus PLN 40X Objective                                         | <a href="#">#86-815</a> |
| Olympus PLN 100X Oil Immersion Objective                          | <a href="#">#86-816</a> |
| <b>Power Cable (One Required)</b>                                 |                         |
| 110V US Power Cable                                               | <a href="#">#19-529</a> |
| <b>Optional Accessories</b>                                       |                         |
| Double Slide Holder                                               | <a href="#">#19-531</a> |
| Plane Slide Holder                                                | <a href="#">#19-532</a> |

|                                                                 |                         |
|-----------------------------------------------------------------|-------------------------|
| Camera Adapters (Both Required for Trinocular Observation Tube) |                         |
| 1X Camera Coupler                                               | <a href="#">#89-605</a> |
| C-Mount Adapter                                                 | <a href="#">#89-606</a> |

| Objective Lens | Numerical Aperture (NA) | Working Distance (mm) | Immersion Liquid | 10X Eyepiece (F.N. 20) |          |
|----------------|-------------------------|-----------------------|------------------|------------------------|----------|
|                |                         |                       |                  | Magnification          | FOV (mm) |
| PLN 2X         | 0.06                    | 5.80                  | N/A              | 20X                    | 1.0      |
| PLN 4X         | 0.10                    | 18.50                 | N/A              | 40X                    | 0.5      |
| PLN 10X        | 0.25                    | 10.60                 | N/A              | 100X                   | 0.2      |
| PLN 20X        | 0.40                    | 1.20                  | N/A              | 200X                   | 0.1      |
| PLN 40X        | 0.65                    | 0.60                  | N/A              | 400X                   | 0.05     |
| PLN 100X       | 1.25                    | 0.15                  | Oil              | 1000X                  | 0.02     |