



Cole-Parmer®

COMPOUND MICROSCOPES



Limited
Lifetime
warranty

CRISP, DISTORTION-FREE,
HIGH-RESOLUTION IMAGING

Cole-Parmer® Compound Microscopes

No other line of compound microscopes offers a better combination of rugged dependability, economical pricing, and superb optical performance!

APPLICATIONS

Compound microscopes are used for examining slide preparations of thin objects, flattened samples of larger objects, and microscopic specimens.

Our high magnification ranges enable viewing of an object's internal structures.

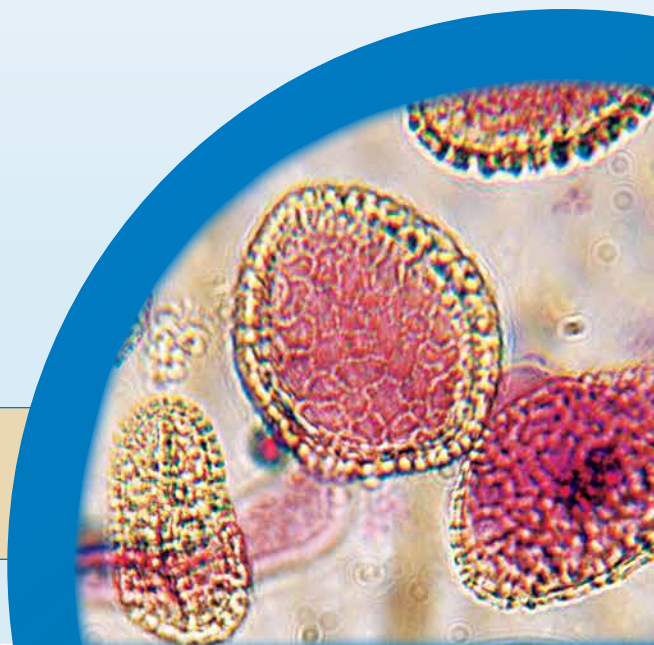
Video and digital camera ports provide the capability to display images on television monitors or to e-mail images for prompt inspection.



FEATURES

- Optical clarity and high resolution for viewing contrast and flatness of field
- Head rotates 360°, allowing user to position microscope for reversed or shared viewing
- Microscopes are supported by a cast-metal frame for long-term durability
- Select from monocular, monocular dual-head, binocular, or trinocular viewing heads
- DIN-standard achromatic objective is parfocalled, parcentered, and color coded
- Trinocular microscope offers a port suitable for mounting a 35-mm or video camera
- Limited-lifetime warranty

**Objectives
provide superb
optical clarity
and resolution**



MECHANICALLY ENGINEERED TO PROVIDE YEARS OF HIGH-LEVEL PERFORMANCE

Cole-Parmer® microscopes have a rugged, all-metal cast-aluminum body with chemical-resistant enamel finish to guarantee stability and dependability over a lifetime of daily use. They feature outstanding craftsmanship and employ only top-quality components.

LABORATORY-QUALITY PRECISION OPTICS FOR HUNDREDS OF DOLLARS LESS THAN COMPARABLE BRANDS!

Our Professional compound microscopes feature quad, ball-bearing mounted objective turrets for smooth, precise positioning. The 140 x 135 mm stage has a built-in, low-position graduated mechanical specimen holder and coaxial controls.

Professional microscopes include four grades of objective lenses:

- *Standard achromatic* for excellent clarity and normal flatness of field
- *ASC high contrast* for extra image contrast
- *Semi-plan* for extra flatness of field
- *Plan achromatic* for superior clarity and flatness of field

FEATURING SUPERIOR ILLUMINATION FOR ENHANCED OPTICAL CLARITY

Our Economical microscope offers a built-in, 5-watt fluorescent illuminator that delivers brighter light than a standard tungsten bulb while operating at a cooler temperature to prolong specimen life. Our Professional microscopes feature a rheostat-controlled, 20-watt halogen illuminator for unparalleled performance.



[CLICK HERE](#)

For further information,
go to ColeParmer.com



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International customers

Call 847-549-7600 to reach our International Sales Department or contact your local dealer.

FREE TECHNICAL APPLICATIONS ASSISTANCE!

PERFORMANCE SPECIFICATIONS

- Economical microscope has separate low-position coarse and fine focusing controls
- Professional microscopes have coaxial coarse and fine focusing controls; coarse has tension adjustment, fine is graduated

Illuminator

Economical model:
5-watt fluorescent
Professional models:
20-watt halogen with rheostat

Eyepiece diameter: 23.3 mm ID x 28.0 mm OD

Stage size

Economical model: 110 x 120 mm
Professional models: 140 x 135 mm

Catalog number	Head	Total magnification	Power
Economical compound microscope			
ML-48922-00	Monocular	4x, 10x, 40x	115 VAC, 60 Hz
ML-48922-05			220 VAC, 50 Hz
Professional compound microscopes			
ML-48923-00	Monocular	4x, 10x, 40x, 100x	115 VAC, 60 Hz
ML-48923-05			220 VAC, 50 Hz
ML-48923-10	Monocular, dual head	4x, 10x, 40x, 100x	115 VAC, 60 Hz
ML-48923-15			220 VAC, 50 Hz
ML-48923-20	Binocular	4x, 10x, 40x, 100x	115 VAC, 60 Hz
ML-48923-25			220 VAC, 50 Hz
ML-48923-30	Trinocular	4x, 10x, 40x, 100x	115 VAC, 60 Hz
ML-48923-35			220 VAC, 50 Hz

What's included:

All microscopes include 6-ft power cord and dust cover. The 115 VAC models have a three-prong plug; the 230 VAC models have a European plug. Economical monocular microscope includes a 110 x 120 mm graduated mechanical stage. Professional microscopes include an Abbe N.A. 1.25 condenser, rack-and-pinion control, iris diaphragm, filter holder, and blue filter. Trinocular microscope includes a third 10x eyepiece and a vertical tube for mounting a 35-mm camera or video camera.