



 Cole-Parmer®

STEREO AND STEREOZOOM MICROSCOPES

PRECISE OPTICAL
PERFORMANCE



Limited
Lifetime
warranty

Cole-Parmer® Stereo and Stereozoom Microscopes

Select Cole-Parmer-brand stereo and stereozoom microscopes for dependability, durability, and versatility. Our diverse product line ranges from economical models that fit your budget to compact and full-size instruments capable of meeting your toughest demands. These are optical systems of the highest quality—with bright illumination, sharp clear resolution, and precision magnification.

APPLICATIONS

Stereoscopic microscopes are used for viewing three-dimensional objects, for inspection or assembly of small parts, and for dissection of biological specimens.

Cole-Parmer® stereo microscopes have magnification options from 10x to 45x zoom, and offer a crisp, un-reversed stereoscopic image, making them ideal for laboratory, manufacturing and educational applications. Video and digital camera ports provide the capability to display images on television monitors or to e-mail images for prompt inspection.



FEATURES

- Precise optical performance and enhanced illumination provide clear optimal resolution
- Built-in incident (top) and transmitted (bottom) light options produce full illumination of any sample
- Head rotates 360°, allowing user to position microscope for front or standard viewing (not featured on economy models)
- Microscopes are supported by a cast-metal frame for long-term durability
- Stereozoom microscopes feature continuous magnification through zoom control on viewing head
- Stereozoom models 48920-20 and -25 offer a trinocular port suitable for mounting a 35-mm camera or video camera
- Limited lifetime warranty



QUALITY PERFORMANCE FOR HUNDREDS OF DOLLARS LESS THAN COMPARABLE BRANDS!

Our economy stereomicroscopes deliver an unreversed 3-D image with high resolution, brightness, and clarity. Vertical design keeps the cost low; rugged construction ensures reliable viewing. These models feature 2x objective lenses and 10x widefield eyepieces with diopter and interpupillary distance adjustments.

FREE UP WORK SPACE ON YOUR LABORATORY BENCH

Our compact dual-power stereomicroscopes offer the top quality features of larger stereomicroscopes in a compact size that is more efficient for many applications. Select low or high magnification simply by turning the objective turret.



FLUORESCENT ILLUMINATOR PROLONGS LIFE OF SPECIMEN SAMPLE DURING EVALUATION

Our full-size dual-power stereomicroscopes combine optical performance with a newly enhanced illumination system. They feature a specially designed incidental lamp that can be directed precisely where needed, with a fluorescent transmitted light source that remains cool to prolong life of live material.



STEREOZOOM OPTICS LET YOU RETAIN FOCUS THROUGH ENTIRE MAGNIFICATION RANGE

Our stereozoom microscopes offer the convenience of viewing a large picture at 10x magnification, then zooming continuously in for close-up detail at 30x or 40x magnification based on the model you choose. Upright, unreversed 3-D image remains in focus throughout zoom.



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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

- Illuminated models feature built-in, high-intensity 10-watt incident and transmitted light.
- Separate base-mounted switches control power on/off, top and bottom lights, top light only, bottom light only, or top and bottom lights together.

Catalog number	Total magnification	Head	Illuminator(s)	Working distance	Overall height	Power (VAC, Hz)
Economy stereomicroscopes						
ML-03904-01	20x	Binocular	None	80 mm	11½"	—
ML-03904-02	20x	Binocular	Top	80 mm	11½"	115, 60
ML-03904-03	20x	Binocular	Top/bottom	80 mm	11½"	115, 60
Economy compact dual-power stereomicroscopes						
ML-03905-10	10x/30x	Binocular	Top/bottom	75 mm	11"	115, 60
ML-03905-15						230, 50
ML-03905-11	20x/40x	Binocular	Top/bottom	75 mm	11"	115, 60
ML-03905-16						230, 50
Full-size dual-power stereomicroscopes						
ML-48920-30	10x/30x	Binocular	Top/bottom	84 mm	13"	115, 60
ML-48920-35						230, 50
ML-48920-40	20x/40x	Binocular	Top/bottom	84 mm	13"	115, 60
ML-48920-45						230, 50
Binocular stereozoom microscopes						
ML-03905-20	10x to 30x, zoom	Binocular	Top/bottom	70 mm	12½"	115, 60
ML-03905-30	15x to 45x, zoom					
ML-48920-00	10x to 40x, zoom	Binocular	Top/bottom	79 mm	13¾"	115, 60
ML-48920-05			None	79 mm	15"	—
ML-48920-10			None	79 mm	15"	—
Trinocular stereozoom microscope						
ML-48920-20	10x to 40x, zoom	Trinocular	Top/bottom	79 mm	13¾"	115, 60
ML-48920-25						

What's included:

All microscopes include a 6-ft power cord and rubber eyeshields. The 115 VAC models have a 3-prong plug and the 230 VAC models have a European plug.
The dual-power stereo and stereozoom microscopes with fixed arm and standard stands are supplied with both frosted glass and reversible black-and-white stages plates.
The trinocular microscope includes a video adapter with 0.4x lens, and a SLR adapter with 2.0x lens.