



# Cole-Parmer MSU-600 Compound Trinocular Microscope, 4/10/40/100x, Brightfield Semi-Plan; 100-240 VAC

Cole-Parmer – Item # EW-78904-18

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Powerful and ergonomic microscopes at an affordable price—ideal for life sciences, biomedical research, and universities

- Smooth-operating, revolving nosepiece provides effortless objective changes
- Equipped with a Siedentopf type head with 30° incline for comfort
- A unique rotating system allows ergonomic positioning of both tubes in a high (431 mm) and in a low (397 mm) position
- Features a 23.2 mm diameter photo port
- Built-in beam splitter (50:50) and one adjustable  $\pm 5$  diopter on the left tube
- Extended plan wide field (EWF) 10x/22 mm eyepieces with 22 mm field of view
- Revolving quintuple reversed nosepiece for up to five objectives
- Adjustable Abbe N.A. 1.25 condenser
- E-Plan IOS
- 5 year warranty

## PRODUCT OPTIONS

# Specifications & Description

Magnification	40x/100x/400x/1000x
Maximum Magnification	1000x
Head Configuration	Trinocular
Objectives	4x/10x/40x/100x*, E-Plan IOS
Eyepiece Diameter (mm)	30
Eyepiece Magnification	10x
Interpupillary Distance	48 to 76 mm
Field of View	22
Stage Dimensions	187/230 x 140 mm rackless stage with integrated 79 x 52 mm X-Y mechanical stage
Illuminator(s)	3 W NeoLED
Power (VAC)	100 to 240
Power (Hz)	50/60
Description	Compound Trinocular Microscope, 4/10/40/100x, Brightfield Semi-Plan; 100-240 VAC
Warranty	5 Years

**5**  
YEAR  
Warranty

## INCLUDES

dust cover, a spare fuse, 5 mL immersion oil, and power cord.

## KEY FEATURES

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## MORE ABOUT THIS ITEM

Easily focus on your sample using coaxial coarse and fine adjustments. Featuring 200 graduations, you can adjust 1  $\mu\text{m}$  per graduation and 200  $\mu\text{m}$  per rotation with total travel of approximately 24 mm. Adjustable rack stop prevents damage to sample and objectives. The coarse adjustment is equipped with friction control.

All models feature LED light for energy efficiency, long life span, and cooler temperature. Built-in sensor automatically turns off illumination shortly after nonuse. Safely transport the microscopes using the integrated carrying handles. Store excess cable in the back of the microscope during use and stow away cable during transport and storage.

Trinocular microscope model 78904-18 features a photo port with prisms inside the head designed to minimize light absorption—ideal for digital imaging. Included 4/10/40/100x semi-plan objectives provide up to 1000x magnification.

Microscope features a 187/230 x 140 mm rackless stage equipped with double slide holder and integrated 79 x 52 mm X-Y mechanical stage. The rackless stage with no protruding parts allows for smooth movements. The adjustable 3 W NeoLED illumination system provides larger apertures to produces images at higher resolution.

\*All optics are anti-fungus treated and anti-reflection coated for maximum light throughput.

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