

## MSU-200 Series Compound Microscope

- Integrated X-Y mechanical stage
- Coaxial coarse and fine adjustment with rack stop
- Ergonomic stand
- Corded and cordless operation
- 5-year warranty



# Cole-Parmer® MSU-200 Series Compound Microscope

## Eyepiece(s)

- Wide field WF 10x/18 mm eyepieces

## Head

- Binocular model with 30° inclined tubes, interpupillary distance is adjustable between 48 and 75 mm, and equipped with a ±5 diopter adjustment on the left tube
- 360° rotatable and secured with a screw

## Nosepiece

- Reversed quadruple nosepiece on ball bearings

## Objectives

- Semi-plan 4x/0.10, 10x/0.25, S40x/0.65 objectives, and S100x/1.25 oil immersion objective
- The 40x and S100x oil immersion objectives are spring loaded
- All optics are anti-fungus treated with anti-reflection coating for maximum light throughput

## Stage

- 130 x 130 mm with mechanical 70 x 28 mm X-Y translation stage

## Focusing

- Coaxial coarse and fine adjustments with 200 graduations, precision 2 µm per graduation, 0.4 mm per rotation
- Coarse adjustments equipped with friction control
- Total travel range approximately 23 mm
- Adjustable rack stop to prevent damage to samples and objectives

## Condenser

- Height-adjustable Abbe condenser N.A. 1.25 with iris diaphragm and filter holder

## Illumination

- Adjustable 1 W NeoLED illumination system for increased light output
- Rechargeable batteries and integrated power supply for cordless operation

## What's Included

- Microscope, dust cover, spare fuse, 5 mL immersion oil for S100x objective, crosshairs eyepiece for centering, and power cord.

Description	SMP objectives	Objective type	Power	Dimensions	Weight	Item number
Binocular compound microscope	4/10/S40/S100x	Brightfield semi-plan	100 to 240 V, 50/60 Hz	14.2 x 6.9 x 8.9" (360 x 176 x 227 mm)	8.8 lb (4.0 kg)	78904-00

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