

MP400 Series Microscope

Engineered for research, clinical, and laboratory environments

MODEL: MP403PL

The MP400 Series is a professional-grade compound microscope line engineered for the demands of high-throughput research, clinical, and applied laboratory environments. Built on a heavy-duty mechanical platform, the MP400 Series delivers the precision, durability, and optical versatility required for all-day use where accuracy and reliability are non-negotiable.

SPECIFICATIONS

Eyepiece	WF10×/20mm; FOV 20mm
Objectives	PLAN 4X / 10X / 40X(S) / 100X(Oil)
Trinocular Head	30° inclined, 360° rotatable, 20:80 light distribution
Mechanical Stage	Integrated Rackless Mechanical; Dual Slide Holder
Nosepiece	5-Position Reverse with Positive Click-Stop Engagement
Focus Resolution	2μm/division
Illumination	LED Köhler
Dimensions	15.35 × 11.02 × 17.71 in / 390 × 280 × 450 mm
Weight	40 lbs / 18.14 kg

Optional upgrades: A broad range of optional accessories and modular upgrades are available to expand the capabilities of the MP400 Series for advanced laboratory and imaging applications. Available options include a dry dark field condenser compatible with 4×–40× objectives, analyzer and polarizer attachments for polarized light observation, and camera options that include the required adapter for seamless integration.



KEY FEATURES

Infinity Plan Optics

Standard PLAN 4X / 10X / 40X(S) / 100X(S, Oil) objectives deliver flat-field clarity across the full magnification range.

5-Position Reverse Nosepiece

Positive parfocal click-stop design ensures precise, repeatable objective alignment and reduces hand fatigue during extended multi-magnification workflows.

High-Resolution Coaxial Focus

6mm coarse travel range with 2μm/division fine adjustment delivers smooth, accurate focusing across all magnification levels for demanding research and clinical applications.

Precision Mechanical Stage

Low-profile integrated stage with dual slide holder maximizes working space and simplifies slide handling, with 76×52mm travel range for systematic specimen navigation.

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