

Biological Compound Microscope

Engineered for research, clinical, and laboratory environments

MODEL: MP303PL

The MP300 Series is a professional-grade line of biological compound microscopes engineered for research, clinical, and laboratory environments. Available in binocular and trinocular configurations, and across three objective tiers — E-Plan, Plan SP, and Plan — the MP300 Series offers a solution for every level of optical demand, from routine biological examination to high-resolution imaging and digital documentation.

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	Mechanical; 76×52mm Travel Range
Nosepiece	4-Position Quad
Condenser	Abbe, N.A. 1.25, iris/phase slide hole
Illumination	3W LED Köhler
C-mount	0.5X, focus adjustable
Light Split	20
Coaxial Focus	Yes
Weight	5.8 kg

Discover our high-performance cameras:

Discover our high-performance cameras: 4K WiFi Camera, 4K USB 3.0 Camera, and 1080p Camera with Display — each camera comes complete with the required adapter for seamless integration.

Optional upgrades: Available configurations include a Dark Field Unit with dry dark field ring (N.A.0.9)



KEY FEATURES

Infinity Plan Optics

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

Trinocular Head

30° inclined, 360° rotatable trinocular head with 20:80 light distribution supports simultaneous eyepiece viewing and camera documentation.

WF 10×/20mm Eyepieces

Wide-field eyepieces deliver a generous 20mm field of view for clear, spacious observation at every power level.

Precision Mechanical Stage

76×52mm travel range provides smooth, controlled specimen navigation for systematic scanning and repositioning.

APPLICATIONS

Clinical Diagnostics

Life Science Research

Education & Training

Histology & Cytology