

III Compound Brightfield Microscopes

Clinicians, Educators, and Researchers Want These

FEATURES

- **Eye pieces** - 10X wide field; Focal Length 25mm, FN 20 mm
- **Turret** - 4 position ball bearing, reversed, with positive click stops
- **Optical body** - Seidentopf design inclined 30°; 360° rotation, 55-75mm interpupillary adjustment
- **Mechanical Stage** - (in/cm) 5.25 / 13.5 x 5 / 12.5 with vernier scale; Range of motion 75x35mm; right hand coaxial control knobs; slide holder holds two slides; double plated for durability
- **Focusing** - 2 μ m markings, adjustable tension control prohibits drift, focus stop protects specimen and objectives
- **Condenser** - 1.25 N.A. 2 element Abbe with iris diaphragm and focusing
- **Illumination** - 20W 6V Halogen with dimmer
- **Dimensions** - (WHD) (in / cm) 7.5 x 15.4 x 12.4 / 19.2 x 39.2 x 31.6 Gross Weight (lb/kg) 13 / 5.9
- **Microscope Includes:** dust cover, immersion oil, two color filters, spare halogen lamp and fuse; on phase contrast: phase centering telescope & green filter

Designed for ease of use, the CP Series allows a novice to approach the microscope and quickly analyze their specimen. Void of complicated features, the CP Series offers pre-centered lenses and condensers, preventing operator confusion.

High eye point eye pieces, a rear facing turret for easy slide handling and a choice of lenses that provide large, flat fields of view offer brilliant images and outstanding resolution.

Built to take rough handling, the CP Series' frame, focusing and stage mechanisms are all metal construction because plastic wears over time. Spring loaded objectives protect against abuse but a focus stop control prohibits stage ramming accidents. Anti fungal protection and all glass light collectors ensure these microscopes will outlast their industry leading 5 Year Warranty.



SPECIFICATIONS

Objective Magnification	Numerical Aperture (mm)	Field of View w/10X E.P. (mm)	Working Distance	Working Distance	Working Distance
			Brightfield Achromatic (mm)	Brightfield Semi-Planachro (mm)	Phase Contrast Achromatic (mm)
4X	0.1	5	27	17	NA
10X	0.25	2	6.6	4.1	6.6
20X	0.4	1	NA	NA	0.8
40XR	0.65	0.5	0.57	0.6	0.57
100XR (oil)	1.25	0.2	0.19	0.25	0.19
Monocular			CP-101	CP-111	NA
Binocular			CP-102	CP-112	BK-221 (rep. JC-221)
Trinocular			CP-103	CP-113	BK-321 (rep. JC-321)
			education / routine lab	economical	research

ORDERING INFORMATION

Cat. No.	Description	Qty.	Cat. No.	Description	Qty.
CP-101	Monocular Brightfield Achromatic	each	CP-113	Trinocular Brightfield Semi-Planachro	each
CP-102	Binocular Brightfield Achromatic	each	BK-221	Binocular Phase Contrast Achromatic (rep. JC-221)	each
CP-103	Trinocular Brightfield Achromatic	each	BK-321	Trinocular Phase Contrast Achromatic (rep. JC-321)	each
CP-111	Monocular Brightfield Semi-Planachro	each			
CP-112	Binocular Brightfield Semi-Planachro	each			