

## Compound Microscopes for Education and Routine Research

Designed for ease of use, the Jenco CP100 series allows even a novice to approach the microscope and quickly visualize their specimen. High eye point eye pieces bring the lens closer to the surface making it easier to look into while the 20mm diameter provides a large field of view. Stripping off complicated features for sophisticated techniques, the CP100 is brightfield only with pre-centered lenses and condensers, preventing confusion. Semi-Planachromat lenses on the rear facing turret, for easy slide handling, offer brilliant images with outstanding resolution.

Built to take rough handling, the CP100 series features all metal frame, focusing and stage mechanisms, because plastic wears over time, with anti fungal protection. Spring loaded objectives protect against abuse but a focus stop control minimizes stage ramming accidents.



Key Specifications	CP-100 Series
Optical body, Seidentopf design inclined 30° with 55 to 75 mm interpupillary adjustment, 360° rotation possible	Yes
Reversed, Quadruple ball bearing nosepiece with positive click stops & smooth operation; 10X wide field eye pieces; Focal Length 25mm	Field No. 20 mm.
Integrated mechanical stage with vernier and slide holder large enough for two slides. (WxD) (in/cm)	5.5 x 4.78 / 140 x 124
Coaxial stage control knobs, ergonomic low-positioned, right hand	Yes
All metal focus mechanism with adjustable tension control to prohibit drift and an adjustable up-stop to protect slides, specimen and objective lenses; coarse/fine markings at 0.002mm increments	Yes
1.25 N.A. 2 element Abbe condenser with iris diaphragm and rack and pinion focusing	Yes
Kohler Illumination, field diaphragm 20 watt, 6 volt Halogen bulb with electronic dimmer 110/220V Switchable	No Yes No
Dimensions: Binocular: (WHD) (in/cm)	8 x 14. x 8.75/ 20.3 x36 x 22
Gross Weight: (lb/kg)	16 / 7.3
Microscope Includes: dust cover, immersion oil, two color filters, spare halogen lamp and fuse	Yes

Objective Magnification	Numerical Aperture (mm)	Field of View w/ 10X E.P. (mm)	Working Distance Brightfield Semi-Plan Achromatic (mm)
4X	0.1	4.5	17
10X	0.25	1.8	4.1
40X	0.65	0.45	0.6
100X R (Oil)	1.25	0.18	0.25
<b>Monocular Model</b>			CP-111
<b>Binocular Models</b>			CP-112