

A New Level of Inverted Microscopy

Jenco introduces a high optical standard on a versatile frame at budget conscious levels. The long working distance condenser (55 mm) and objectives (six supplied) provide brilliant resolved images in both phase contrast and brightfield techniques. The condenser swings out to accommodate roller bottles or other large cultivation vessels.

- **Affordable** - Jenco delivers exacting performance for routine research without consuming your budget
- **Versatile** - trinocular body for image documentation; condenser design for observation of virtually all vessel types; mechanical stage with inserts for well plates and petri dishes; three objectives each for phase contrast and brightfield
- **Durable** - an all metal frame with an all metal focusing mechanism ensures this instrument will perform well beyond the industry leading 5 Year Warranty



Key Specifications

- Optical body - Seidentopf design inclined 30°; 55 to 75 mm interpupillary adjustment, 360° rotation
- Nosepiece - quintuple, ball bearing
- Eye pieces - 10X, Focal Length 25mm, FN 20 mm.
- Focus mechanism - adjustable tension control to prohibit drift and adjustable up-stop to protect objective lenses; dial markings at 0.002mm increments
- Condenser - 1.25 N.A. 2 element Abbe with iris diaphragm and rack and pinion focusing; 55mm optical working distance, swing out or bright field working distance is 125mm or 5"
- Kohler Illumination, field diaphragm, 30 watt, 6 volt Halogen bulb with electronic dimmer
- Mechanical stage: (WxD) (in/cm) 8.25 x 8.875 / 20.95 x 22.54; Right-hand Coaxial dropdown X-Y Control Knobs; Four Inserts for: well plates (13 x 8 cm and 8 x 5 cm) petri dish (6.8 cm diam.) and slides (7.5 x 3.5 cm and 7.5 x 2.5 cm)
- Dimensions: (WHD) (in/cm) 7.7 x 18.4 x 13.8 / 19.5 x 46.8 x 35; Gross Weight: (lb/kg) 25/55
- Microscope Includes: phase centering telescope and phase annulus sliders, dust cover, color filters (blue green and frosted), spare halogen lamp and fuse.

Objective Magnification	Numerical Aperture (mm)	Field of View w/ 10X E.P. (mm)	Working Distance Bright Field Plan Achromatic (mm)	Working Distance Phase Plan Achromatic (mm)
10X	0.25	1.8	8.1	---
25X	0.40	0.72	4.8	---
40XR	0.60	0.45	3.3	---
10X	0.25	1.8	---	8.1
25X	0.40	0.72	---	4.8
40XR	0.60	0.45	---	3.3
Model Number	CP-2A1			