



Jenco International, Inc.
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Jenco CP-5 Inverted Compound Microscopes for Cell Culture

Description

- Outstanding Views – 5X to 40X phase contrast infinity planachromatic objectives
 - Mammalian cells have low contrast yet discernible with these good optics
 - Scanning achieved at low power 5X phase contrast
- Easy to use – Big space around specimen
 - Pre-centered objectives, condenser, no adjustments
 - LED illuminates a large field, afforded by 10X eye pieces, Φ 22mm
 - Camera connection port provided
- Easy to choose – available in two styles:
 - Phase contrast only, 5, 10 & 20X with flat fixed stage, model CP-5S
 - Brightfield and Phase, seven objectives 5-40X, model CP-5

Specifications

Optical Body	Inclined 45°, 48-75mm interpupillary adjustment, Left Eye diopter -5 to +5
Nosepiece	Quintuple (5) hole, ball-bearing, positive click stops and smooth operation
Eyepieces	Wide field 10X eye pieces, FN 22
Stage	Fixed stage is 9" x 9" Mechanical movement, detachable, travel 3: x 4.5"
Focus Mechanism	Adjustable Tension Control, Coaxial coarse & fine, 2um increments, Up Stop
Condenser	Long working distance, 2.75", slot for phase slider
Illumination	LED 9 watt, with dimmer
Finish	White baked-on enamel paint
Dimension	All metal frame Dimensions: LWH (inches/cm) 22x8x20/56x22x51 Wt.25 lb/11.4 Kg. AC 110-240V, 50/60 Hz

Additional Info

Applications include: Cell biology, Immunology, Cancer research for determining cell types, morphology of Mammalian Cells, Epithelial Cell, Cell counting, Cell Culture, Cell lines

Dependable and Reliable

Industry leading 5 Year Warranty confirms reliability. All metal construction with design adds stability.

Comfort built-in

- Controls fit naturally, apparent when you sit in front of this instrument.
- Integrated Handle for safe and easy transporting

Jenco model CP-5 Objective Lens Specifications

Infinity Objectives	Magnification	Numerical Aperture (mm)	Field of View with 10X Eye Piece (mm)	Working Distance Bright Field (mm)
Planachromatic	10X	0.25	1.8	8.1
Planachromatic	20X	0.4	0.72	4.8
Planachromatic	40X	0.6	0.45	3.3
Phase Planachromatic	5X	0.1	1.8	8.1
Phase Planachromatic	10X	0.25	1.8	8.1
Phase Planachromatic	20X	0.4	0.72	4.8
Phase Planachromatic	40X	0.6	0.45	3.3

Standard with Mechanical Stage, 10X eye pieces, Φ 22mm. inclined 45°; phase telescoping eyepiece, objectives, phase sliders, dust cover, spare fuse, filter, power cord and anti-microbial treatment on frame and head

Jenco model CP-5S Three phase objectives, fixed stage

Infinity Objectives	Magnification	Numerical Aperture (mm)	Field of View with 10X Eye Piece (mm)	Working Distance Bright Field (mm)
Phase Planachromatic	5X	0.1	1.8	8.1
Phase Planachromatic	10X	0.25	1.8	8.1
Phase Planachromatic	20X	0.4	0.72	4.8

Standard with Fixed Stage, 10X eye pieces, Φ 22mm. inclined 45°; phase telescoping eyepiece, objectives, phase sliders, dust cover, spare fuse, filter, power cord and anti-microbial treatment on frame and head

Plug and Play Camera with software:

- Software, USB 2.0 cable & adapter supplied
- Accessory item 59-5M

