

## Jenco BK Series Upright Light Compound Microscopes

### Description

- Outstanding Views - Superb image resolution
  - infinity planachromatic optics, excellent clarity, flatness
- Easy to use - Jenco simplified set up
  - Installed & centered objectives, condenser – they stay aligned and configured
  - Easy to set up, fast to begin work 3 quick steps: Place Head on frame, Eye pieces in Head, Power cord – Done, Go
- Easy to choose - Infinity design allows multiple techniques to work on one frame
  - Attach modular kits or order complete with:
    - Fluorescence - Clinical for AFB test, fluorescent filters
    - Polarization – simple or complete with first class red compensator components
    - Phase Contrast – adds contrast, turret condenser design easy to use, add brightfield too
    - Education – features protect integrity of scope and minimize loss of parts
    - Clinical, and more

### Specifications

Body	Binocular, inclined 45°, able to rotate a full 360° with 55mm to 75mm interpupillary adjustment. Left Eye diopter adjustment of -5 to +5
Nosepiece	Quintuple (5) hole, ball-bearing, positive click stops and smooth operation
Eyepieces	Wide field 10X eye pieces, FN 22, angled 30°
Stage	Rack or rackless design with rounded corners and a durable slide holder with two slide capacity. 7.5 x 5.5 in., 19x14cm; with vernier
Focus Mechanism	All stainless steel and brass gear train system. Adjustable Tension Control to prohibit drift; Coaxial coarse and fine adjustments markings 0.002mm increments
Condenser	1.25 N.A. 2 element Abbe Condenser, iris diaphragm, Rack and Pinion focusing
Illumination	20 watt, 6-volt Halogen bulb with electronic dimmer; Universal Power Supply 100-220 volt operation, Fuse: ½ Amp, located in base
Finish	White baked-on enamel paint with "stipple" finish
Dimension	AC 110-240V, 50/60 Hz Dimensions: LWH (inches/cm) 12x8x15/30.5x20.3x38.1 Body Weight: 20 lb. / 9 Kg.

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**standard microscope includes:** two eye pieces, four objectives: 4, 10, 40 & 100X; or phase contrast 10, 20, 40 & 100X; power cord, dust cover, immersion oil, blue filter, spare lamp, fuse; phase telescoping eyepiece and anti-microbial treatment on frame and head.

## Additional Info

### Dependable and Reliable with Comfort built-in

Jenco International's industry leading 5 Year Warranty confirms reliability; our 20 year history of dependable support continues

- Controls fit naturally, apparent when you sit in front of this instrument
- Arrives mostly assembled, easy to set up, fast to begin work and stays aligned and configured
- Minimal effort to move slide, focus and illumination controls. Compact modern design adds stability to a small footprint.
- Koehler Illumination - all glass components, true color reproduction, optimal contrast
- All metal construction adds to Reliability - no plastic gears/parts anywhere to fail over time
- Integrated Handle for safe and easy transporting



### Plug and Play Camera with software:

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



### Objective Lens Specifications: R indicates retractable/spring loaded lens

Infinity Objectives	Magnification	Numerical Aperture (mm)	Field of View with 10X Eye Piece (mm)	Working Distance Bright Field (mm)
Plan achromatic	4X	0.1	5	6.73
Plan achromatic	10X	0.25	2	4.19
Plan achromatic	20X	0.4	1	2.14
Plan achromatic	40X R	0.66	0.5	0.45
Plan achromatic	50X R(oil) optional	0.9	0.44	0.12
Plan achromatic	60X R optional	0.8	0.65	0.12
Plan achromatic	100X R (oil)	1.25	0.2	0.12

Jenco Model Numbers	Bright Field
Binocular	BK-211
Trinocular for camera attachment	BK-311
Objective, 50Xoil	OP-050
Objective, 60X	BK-060
Kit, modular, Fluorescence	BK-EPI
Phase Contrast	BK-PHP
Polarization	BK-PL

standard with 10X eye pieces, FN 22; Infinity Plan bright field objectives: 4, 10, 40 & 100X; power cord, dust cover, immersion oil, blue filter, spare lamp, fuse; and anti-microbial treatment on frame and head.

LED illumination available on request

Power AC 110-240V, 50/60 Hz

Dimensions: LWH (inches/cm) 12x8x15/30.5x20.3x38.1

