

BK Series Upright Light Compound Microscopes

- Outstanding Views - Superb image resolution
 - infinity planachromatic optics, excellent clarity, flatness
- Easy to use – Controls fit naturally and set up is simplified
 - four objectives and condenser installed, centered on frame
 - switching to high power is fast - easy to find focus, parfocal set up
- Easy to choose - Infinity design allows multiple techniques to work on the primary frame, model BK-211
 - Attach modular kits or order complete with kit, models below

Fluorescence Kit - Clinical users perform AFB test, includes two fluorescent filters and LED power supply, model BK-3EF



Polarization – Urinalysis, Crystal identification with first class red compensator components, model BK-2PL

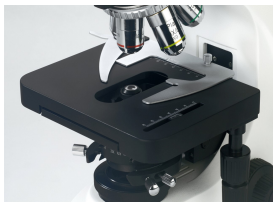


Phase Contrast – Bacteria or specimens without color become more visible, with added contrast and depth, model BK-2PL



Education – features minimize loss/damage of parts, Model BK-2E

- Contained or Rackless stage - nothing sticks out



- Cord Wrap and built-in Handle for safe transport
- Locked Eye Pieces and Head, won't fall out, pull out or get lost
- Locked and centered condenser



Digital – attach a video camera to the available trinocular head, 3 or 5 Megapixel resolution, with Software, USB 2.0 cable & adapter, requires computer, model 59-5M



Dependable and Reliable

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

All metal construction adds to reliability - no plastic gears/parts to fail over time

Comfort built-in

- Controls fit naturally, apparent when you sit in front of this instrument.
- Mostly assembled, fast and easy to set up and begin work.
- Easy to control stage-focus-illumination, all close. Compact modern design adds stability
- Koehler Illumination - all glass components, true color reproduction, optimal contrast
- Integrated Handle for safe and easy transporting

Optical Body	Inclined 30°, rotates 360°; 55-75mm interpupillary adjustment, Left Eye diopter adjustment -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	Koehler, LED or 20 watt, 6-volt Halogen bulb with electronic dimmer
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.

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)	Working Distance Phase Contrast (mm)
Plan achromatic	4X	0.1	5	6.73	NA
Plan achromatic	10X	0.25	2	4.19	4
Plan achromatic	20X	0.4	1	2.14	1.24
Plan achromatic	40X R	0.66	0.5	0.45	0.29
Plan achromatic	50X R(oil) optional	0.9	0.44	0.12	NA
Plan achromatic	60X R optional	0.8	0.65	0.12	NA
Plan achromatic	100X R (oil)	1.25	0.2	0.12	0.12

Jenco Model Numbers	Bright Field	BF with Polarization for Clinical use	Phase Contrast	Fluorescence	Polarization
Binocular	BK-211, BK-2E	BK-PL211	BK-221	BK-2EF	BK-2PL
Trinocular for camera attachment	BK-311 BK-3E	BK-PL311	BK-321	BK-3EF	BK-3PL
Objective, 50Xoil	OP-050				
Objective, 60X	BK-060				
Kit, modular		BK-PL	BK-PHP	BK-EPI	NA

standard: 10X eye pieces FN22; Infinity Plan bright field objectives: 4, 10, 40 & 100X; phase contrast 10, 20, 40 & 100X; power cord, dust cover, immersion oil, blue filters spare lamp, fuse; phase telescoping eyepiece, green filter phase; anti-microbial treatment on frame and head.