

# BIOLOGICAL MICROSCOPES

## BOECO LABORATORY BINOCULAR MICROSCOPE MODEL BM-800

### Specification BM-800:

Optical System:	Infinite corrected system, field diameter 22 mm
Viewing Head:	Bin- or Trinocular compensation free head, 30° inclined, 360° rotatable, Interpupillary distance 48 - 75 mm
Nosepiece:	Backward quintuple revolving nosepiece
Eyepiece:	Larger viewing area with extra wide field eyepiece EW 10X /22 mm
Objectives:	BOECO Infinite corrected Plan Achromat Objectives 4x/0.10, 10x/0.25, 40x/0.65 (S), 100x/1.25 (S, Oil)
Stage:	Large sized double layer mechanical specimen stage. 185 x 142 mm, Moving range 75 x 55 mm,
Focusing:	Coaxial coarse and calibrated fine focus control, fine division 0,001 mm, Coarse stroke 37,7mm/rotation fine stroke 0,1mm/rotation, mowing Range 24 mm safety autofocus stop unit.
Condenser:	Swing condenser, N.A. 0,9/0,25
Field diaphragm:	With aspherical condenser and Köhler illumination.
Illumination:	6V 30W inbuilt halogen lamp*, brightness adjustable.
Body / power:	Modern and ergonomic body made from die-cast aluminium with inbuilt power supply 110-240V, 50/60Hz
Supplied with:	Dust cover, immersion oil, 1 spare halogen lamp, green + blue filter and instruction manual
Dimensions:	280 x 358 x 304/416 mm, net weight 10,0/10,4 kgs

Code	Description	Head	Plug
BOE 8000.550	BM-800/I/PL	Binocular	Euro
BOE 8000.551	BM-800/I/PL	Binocular	US
BOE 8000.560	BM-800/T/I/PL	Trinocular	Euro
BOE 8000.561	BM-800/T/I/PL	Trinocular	US

### Accessories

Code	Description
BOE 8000.301	EW eyepiece 10X/22mm
BOE 8000.302	EW eyepiece 10x/22mm with pointer
BOE 8000.303	EW eyepiece 10x/22mm with micrometer
BOE 8000.552	BOECO Infinite E Plan Achrom. Objective 4X
BOE 8000.553	BOECO Infinite E Plan Achrom. Objective 10X
BOE 8000.559	BOECO Infinite E Plan Achrom. Objective 20X
BOE 8000.554	BOECO Infinite E Plan Achrom. Objective 40X (S)
BOE 8000.555	BOECO Infinite E Plan Achrom. Objective 100X (S) (Oil)
BOE 8000.305	Dark Field Condenser (Dry) NA 0,7-0,9
BOE 8000.306	Dark Field Condenser (Oil) NA 1,25-1,36
BOE 1800.419	Objective 100X plan-achrom. for Dark field cond. (Oil)
BOE 8000.325	Simple Polarization set
BOE 8000.802	1x Video Attachment with C mount
BOE 8000.903	Turret Annular Phase Contrast Kit, consisting of: Phase Contrast Infinity Plan-achromatic Objectives 10X,20X(S), 40X(S), 100X(S,Oil), Turret Annular Phase, Contrast Condenser, Centering Telescope, Green Filter
BOE 8000.906	Epi-Fluorescent Attachment B (Blue) BP460-495, G (Green) BP 510-550 Excitation Light Filter system, O Ordinary Light System, 100WHBO Ultra Hi-voltage Spherical Mercury Lamp, Barrier to resist the Ultraviolet light, Power Supply with Digital Display, AC Input 100-240V
BOE 8000.923	Infinite Plan Fluorescence Free Obj. 4X
BOE 8000.924	Infinite Plan Fluorescence Free Obj. 10X
BOE 8000.925	Infinite Plan Fluorescence Free Obj. 20X
BOE 8000.926	Infinite Plan Fluorescence Free Obj. 40X
BOE 8000.927	Infinite Plan Fluorescence Free Obj. 100X
BOE 8000.908	U (ultraviolet) BP330-385 Excitation light filter system
BOE 8000.909	V (violet) BP400-410 Excitation light filter system

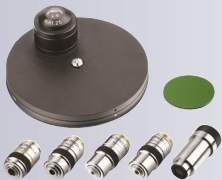
\*Optional with 5W LED illumination - without blue filter and spare lamp



POLARISATION SET



PHASE CONTRAST KIT



EPI-FLUORESCENT ATTACHMENT