



**BOECO Semi-plan Achromat
DIN Objectives**



Easy replace of lamp



Our standard Microscope for
scientific, medical and
education needs.



Trinocular Model BM-180/T/SP



**BM-180/I/PL with compensation
free, Seidentopf type head and
infinite optical system.**

Specification BM-180/SP:

- Magnification:** 40X- 1600X
- Optical Head:** Sliding Binocular Head, 45° inclined, 360° rotatable, Interpupillary Distance 55 - 75 mm
- Nosepiece:** Quadruple revolving nosepiece
- Eyepiece:** Pair Eyepiece WF 10X /18 mm Widefield
Pair Eyepiece P 16X
- Objectives:** BOECO Semi-plan Achromat DIN Objective 4x/0.10
BOECO Semi-plan Achromat DIN Objective 10x/0.25
BOECO Semi-plan Achromat DIN Objective 40x/0.65, spring loaded
BOECO Semi-plan Achromat DIN Objective 100x/1.25, Oil, spring loaded
- Stage:** Double layer mechanical specimen stage. 140 x 140 mm
Travel area 75 x 50 mm, Right hand stage handle
- Focusing:** Low position, coaxial coarse and calibrated fine focus control, with graduation reading 2 microns per division.
Total focusing range 20 mm., Safety autofocus stop unit.
- Condenser:** Abbè Brightfield condenser, n.A. 1,25, Integrated iris diaphragm and filter tray. With rack & pinion height adjustment
- Illumination:** 6V 20W Halogen, light intensity adjustable.
- Body /power:** Sturdy body with supportive rubber and inbuilt power supply 110-240V
- Supplied with:** Dust cover, blue + green filter, immersion oil, 1 spare halogen bulb and instruction manual
- Dimension:** 170(W) x 250(D) x 375(H) mm
- Weight:** Netweight 7,65 kgs, Grossweight 9,5 kg
- Packing:** Two styrofoam shelves in a cardboard box, 290(W)x330(D)x530(H) mm

Optional accessories:

Dark field Condenser
Phase Contrast Equipment
Trinocular Head
Photo Attachments
Video Attachments
Epi-fluorescent Attachment
Adapter for Digital cameras

Art. No.	Model	Head	Objective type	Objective Magnification	Voltage
BOE 1800.200	BM-180/SP	Binocular, Sliding	Semi-plan-Achromatic	4X, 10X, 40X, 100X (Oil)	220 V
BOE 1800.201	BM-180/SP	Binocular, Sliding	Semi-plan-Achromatic	4X, 10X, 40X, 100X (Oil)	110 V
BOE 1800.230	BM-180/T/SP	Trinocular, Sliding	Semi-plan-Achromatic	4X, 10X, 40X, 100X (Oil)	220 V
BOE 1800.231	BM-180/T/SP	Trinocular, Sliding	Semi-plan-Achromatic	4X, 10X, 40X, 100X (Oil)	110 V
BOE 1800.500	BM-180/I/AC	Binocular, Seidentopf	Infinite Achromatic	4X, 10X, 40X, 100X (Oil)	220 V
BOE 1800.501	BM-180/I/AC	Binocular, Seidentopf	Infinite Achromatic	4X, 10X, 40X, 100X (Oil)	110 V
BOE 1800.550	BM-180/I/PL	Binocular, Seidentopf	Infinite Plan-Achromatic	4X, 10X, 40X, 100X (Oil)	220 V
BOE 1800.551	BM-180/I/PL	Binocular, Seidentopf	Infinite Plan-Achromatic	4X, 10X, 40X, 100X (Oil)	110 V



Routine Binocular Microscope Model 101/AC



Magnification:	40X- 1000X
Optical Head:	Binocular Head, 30° inclined, 360° rotatable, Interpupillary Distance 55 - 75 mm
Nosepiece:	Quadruple revolving nosepiece
Eyepiece:	Pair Eyepiece WF 10X /18 mm Widefield
Objectives:	BOECO Achromat DIN Objective 4x/0.10 BOECO Achromat DIN Objective 10x/0.25 BOECO Achromat DIN Objective 40x/0.65, spring loaded BOECO Achromat DIN Objective 100x/1.25, Oil, spring loaded
Stage:	Double layer mechanical specimen stage. 120 x 120 mm Travel aerea 60 x 30 mm,
Focusing:	Low position, coaxial coarse and calibrated fine focus control, with graduation reading 2 microns per division. Total focusing range 13 mm., Safety autofocus stop unit.
Condenser:	Abbè Brightfield condenser, n.A. 1,25, Integrated iris diaphragm and filter tray. With rack & pinion height adjustment
Illumination:	6V 15W Halogen, light intensity adjustable.
Body /power: Supplied with:	Sturdy body with supportive rubber and inbuilt power supply Dust cover, blue, filter, immersion oil, 1 spare halogen bulb and instruction manual
Dimension:	200 x 145 x 340 mm, Netweight 4,75 kg
Packing:	310 x 240 x 450 mm, Grossweight 6,20 kg
Art. No.:	BOE 1101.000 Model 101/AC, 220V 50/60 Hz BOE 1101.001 Model 101/AC, 110V 60 Hz



Stereo Microscope, Model BTB-3C



Optical head:	Binocular head inclined at 45° Interpupillary Distance 55 - 75 mm Eyepiece dioptric adjustment range \pm 5D
Working distance:	57 mm
Eyepiece:	WF10X/20 eyepieces
Stereo Optics:	Objectives 2x & 4X in revolving nosepiece
Illumination:	2-way illumination switch allows upper and lower illumination. Transmitted (lower) halogen light source 12V / 15 W Incident (upper) Tungsten light source 12V / 10 W
Stage Plate:	Frosted glass stage plate and black/white reversible stage plate
Base:	Stable 300 x 225 mm base, fitted with anti-skid rubber feet
Dimensions:	300 (W) x 225 (L) x 300 (H) mm, Netweight 4,80
Packing:	380 x 340 x 410 cm, Grossweight 6,40 kg
Art. No.:	BOE 3200.000 BTB-3C, 220 V BOE 3200.001 BTB-3C, 110 V



Zoom Stereo Microscope, Model BTB-3A



Optical head:	Binocular head inclined at 45° Interpupillary Distance 55 - 75 mm Eyepiece dioptric adjustment range \pm 5D
Working distance:	95 mm
Field of View:	28,0 to 4.5 mm diam.
Eyepiece:	WF10X/20 eyepieces with eyeshadow
Zoom Optics:	0,7X to 4,5X , Zoom ratio 1:6,5
Illumination:	2-way illumination switch allows upper and lower illumination. Transmitted (lower) halogen light source 6V / 20 W Incident (upper) halogen light source 6V / 15 W with reflector
Stage Plate:	Frosted glass stage plate and black/white reversible stage plate
Base:	Stable 300 x 225 mm base, fitted with anti-skid rubber feet Main Body 360° rotatable
Dimensions:	300 (W) x 225 (L) x 300 (H) mm, Netweight 6,15 kg
Packing:	400 x 340 x 670 cm, Grossweight 10,1 kg
Art. No.:	BOE 3500.000 BTB-3A, 220 V BOE 3000.001 BTB-3A, 110 V