

## BOECO BINOCULAR MICROSCOPE MODEL BM-190 SP



### Specification BM-190/SP:

Magnification:	40X- 100x
Optical system:	Siedentopf Viewing Head, 30° inclined, 360° rotatable, Interpupillary Distance 47 - 78 mm, diopter adjustable (left)
Nosepiece:	Backward quadruple revolving nosepiece
Eyepiece:	Pair Eyepiece WF 10x /18 mm Widefield
Objectives:	BOECO Semi-plan Achromat DIN Objectives 4x/0.10, 10x/0.25, 40x/0.65 (S), 100x/1.25 (S) (Oil)
Stage:	Double layer mechanical specimen stage. 140 x 140 mm moving range 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 25 mm, Safety stop unit.
Condenser:	Abbè Brightfield condenser, N.A. 1,25, Integrated Iris diaphragm and filter tray. With rack & pinion height adjustment
Illumination:	S-LED, brightness adjustable.
Body / power:	Sturdy body with supportive rubber and inbuilt power supply 100-240 V, 50/60 Hz
Supplied with:	Dust cover, green filter, immersion oil, instruction manual
Dimensions:	208(W) x 266(D) x 370(H) mm
Weight:	Net weight 6,9 / 7,2 kg
Packing:	Styrofoam shelve in a cardboard box



TRINOCULAR MODEL  
BM-190/T/SP



POWER CORD WRAP IN THE BACK

Code	Description	Head	Plug
BOE 1900.200	BM-190/SP	Binocular	Euro
BOE 1900.201	BM-190/SP	Binocular	US
BOE 1900.230	BM-190/T/SP	Trinocular	Euro
BOE 1900.231	BM-190/T/SP	Trinocular	US

### Objectives for BM-190/SP, BM-180/SP

Code	Description
BOE 1800.413	BOECO Black Semi-Plan Achromat DIN Obj. 4x
BOE 1800.414	BOECO Black Semi-Plan Achromat DIN Obj. 10x
BOE 1800.418	BOECO Black Semi-Plan Achromat DIN Obj. 20x
BOE 1800.415	BOECO Black Semi-Plan Achromat DIN Obj. 40x (S)
BOE 1800.416	BOECO Black Semi-Plan Achromat DIN Obj. 100x (S)(Oil)



### Eyepieces for BM-190, BM-180, BM-120, BM-117, N-10

Code	Description
BOE 1800.301	Wide Field Eyepiece WF 10x, pc.
BOE 1800.302	Wide Field Eyepiece WF 10x with Pointer, pc.
BOE 1800.303	Wide Field Eyepiece WF 10x with 0,1 Micrometer, pc.
BOE 1800.304	Eyepiece P 16x, pc.

## Dark Field Condensers for BM-180/SP, BM-190/SP

Code	Description
BOE 1800.305	Dark Field Condenser (Dry) NA 0-7-0,9
BOE 1800.306	Dark Field Condenser (Oil) NA 1,25-1,36
BOE 1800.412	Achromatic Objective 100x for Dark Field (Oil) with cone diaphragm
BOE 1800.417	Plan-Achromatic Objective 100x for Dark Field (Oil) with Iris Diaphragm



## Phase Contrast Kits for BM-180/SP, BM-190/SP

Code	Description
BOE 1800.902	Annular Phase Contrast Kit, consisting of: Simple Phase Contrast Achromatic Objectives & Diaphragms PH10x, PH40x & PH100x, Centering Telescope
BOE 1800.903	Turret Annular Phase Contrast Kit, consisting of: Phase Contrast Plan-achromatic Objectives 10X, 20x(S), 40x(S), 100x(S)(Oil), Turret Annular Phase Contrast Condenser, Centering Telescope, Green Filter
BOE 1800.904	Sliding Phase Contrast Kit, consisting of: Sliding Phase Contrast Condenser, Green Filter Plan achromatic Phase Contrast Objectives PH10x, PH40x, Centering Telescope



## Epi-Fluorescent Attachments for BM-180/SP, BM-190/SP

Code	Description
BOE 1800.906	Epi-Fluorescent attachment complete set B (Blue), G (Green) 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 100-240 V, Fluorescent Free Objective 4x, 10x, 40x (S), 100x (S)(Oil), Fluorescent Free Oil
BOE 1800.908	U (ultraviolet) Excitation light filter system
BOE 1800.909	V (violet) Excitation light filter system



## BOECO ROUTINE BINOCULAR MICROSCOPE MODEL BM-120

Magnification:	40x- 100x
Optical System:	Compensation Free Binocular Head, 30° inclined, 360° rotatable, Interpupillary Distance 55 - 75 mm
Nosepiece:	Quadruple revolving nosepiece
Eyepiece:	Pair Eyepiece WF 10x /18 mm Wide field
Objectives:	BOECO Achromat DIN Objectives 4x/0.10, 10x/0.25, 40x/0.65 (S), 100x/1.25 (S) (Oil)
Stage:	Double layer mechanical specimen stage 140 x 140 mm moving rane 75 x 50 mm,
Focusing:	Coaxial coarse and Fine Focus Adjustment, Range 20 mm fine Division 2 microns, safety stop unit
Condenser:	Abbe Brightfield condenser, N.A. 1,25, Integrated iris diaphragm and filter tray with rack & pinion height adjustment
Illumination:	S-LED, brightness adjustable
Body /power:	Sturdy body with supportive rubber and inbuilt power supply 100-240 V, 50/60 Hz
Supplied with:	Dust cover, green filter, immersion oil and instruction manual
Dimensions:	196 x 344 x 349 mm, net weight 5,6 kg

Code	Description	Head	Plug
BOE 1200.100	Model BM-120	Binocular	Euro
BOE 1200.101	Model BM-120	Binocular	US
BOE 1200.005	Mirror attachment for BM-120		



OPTIONAL MIRROR-ATTACHMENT