

BINOCULAR MICROSCOPES

BOECO LABORATORY BINOCULAR MICROSCOPE MODEL BM-800



Specification BM-800:

Optical System:	Infinity 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 EWF 10X /22 mm
Objectives:	BOECO Infinity 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, graduated 0,002 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 external Halogen lamp, light intensity adjustable.
Body /power:	Modern and ergonomic body made from die-cast aluminium with inbuilt power supply
Supplied with:	Dust cover, immersion oil, 1 spare halogen bulb, green + blue filter and instruction manual
Dimension:	280 x 358 x 304/416 mm

Code Description

BOE 8000.550	Model BM-800/I/PL, 220V 50/60 Hz
BOE 8000.551	Model BM-800/I/PL, 110V 60 Hz
BOE 8000.560	Model BM-800/T/I/PL, 220V 50/60 Hz
BOE 8000.561	Model BM-800/T/I/PL, 110V 60 Hz

Accessories

Code Description

BOE 8000.301	EWF eyepiece 10X/22
BOE 8000.302	EWF eyepiece 10x/22 with pointer
BOE 8000.303	EWF eyepiece 10x/22 with micrometer
BOE 1800.552	BOECO Infinity E Plan Achrom. Objective 4X
BOE 1800.553	BOECO Infinity E Plan Achrom. Objective 10X
BOE 1800.559	BOECO Infinity E Plan Achrom. Objective 20X
BOE 1800.554	BOECO Infinity E Plan Achrom. Objective 40X (S)
BOE 1800.555	BOECO Infinity E Plan Achrom. Objective 100X (S,Oil)
BOE 8000.305	Dark Field Condenser (Dry) NA 0,9
BOE 8000.306	Dark Field Condenser (Oil) NA 1,25-1,36
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) BP460-490, G (Green) BP 510-550 Exciting 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 220V/110V
BOE 8000.923	Infinity Plan Fluorescence Free Obj. 4X
BOE 8000.924	Infinity Plan Fluorescence Free Obj. 10X
BOE 8000.925	Infinity Plan Fluorescence Free Obj. 20X
BOE 8000.926	Infinity Plan Fluorescence Free Obj. 40X
BOE 8000.927	Infinity Plan Fluorescence Free Obj. 100X
BOE 8000.908	U (ultraviolet) BP330-385 Exciting light filter system
BOE 8000.909	V (violet) BP400-410 Exciting light filter system



POLARISATION SET



PHASE CONTRAST KIT



EPI-FLUORESCENT ATTACHMENT



BOECO BINOCULAR MICROSCOPE MODEL BM-2000

Specification BM-2000/I/SP:

Optical Head: Seidentopf Binocular Head, 30° inclined, 360° rotatable, with infinite optical system

Nosepiece: Backward quadruple revolving nosepiece

Eyeiece: Pair Eyepiece WF 10X /20 mm, diopter adjustable
Interpupillary Distance 55 - 75 mm

Objectives: BOECO Anti Fungus Infinite Semi-plan Achromat Objectives 4x, 10x, 40x (S), 100x (S) (Oil)

Stage: Double layer mechanical specimen stage. 216 x 150 mm
Travel area 78 x 54 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: Sliding-in centerable Bright field condenser, n.A. 1,25, Integrated Iris diaphragm and filter tray.

Illumination: 12V 30W halogen lamp, light intensity adjustable.

Body /power: Sturdy body with supportive rubber and inbuilt power supply 100 - 240V

Supplied with: Dust cover, blue filter, immersion oil, 1 spare halogen bulb and instruction manual

Dimension: 230 x 350 x 390 mm

Weight: Netweight 8 kgs, Grossweight 9 kg

Packing: styrofoam shelve in a cardboard box, 385(W)x255(D)x485(H) mm



WF 10X/20 EYEPIECES



SUPERIOR MECHANICAL STAGE



ANTI FUNGUS TREATED OBJECTIVES

Code	Model	Head	Objective type	Objective Magnification	Plug
BOE 2200.510	BM-2000/I/SP	Binocular	Infinite SemiPlan Achrom.	4X, 10X, 40X, 100X (Oil)	Euro
BOE 2200.511	BM-2000/I/SP	Binocular	Infinite SemiPlan Achrom.	4X, 10X, 40X, 100X (Oil)	US
BOE 2200.520	BM-2000/T/I/SP	Trinocular	Infinite SemiPlan Achrom.	4X, 10X, 40X, 100X (Oil)	Euro
BOE 2200.531	BM-2000/T/I/SP	Trinocular	Infinite SemiPlan Achrom.	4X, 10X, 40X, 100X (Oil)	US
BOE 2200.570	BM-2000/I/PL	Binocular	Infinite Plan-Achromatic	4X, 10X, 40X, 100X (Oil)	Euro
BOE 2200.571	BM-2000/I/PL	Binocular	Infinite Plan-Achromatic	4X, 10X, 40X, 100X (Oil)	US
BOE 2200.580	BM-2000/T/I/PL	Trinocular	Infinite Plan-Achromatic	4X, 10X, 40X, 100X (Oil)	Euro
BOE 2200.581	BM-2000/T/I/PL	Trinocular	Infinite Plan-Achromatic	4X, 10X, 40X, 100X (Oil)	US

Accessories

Code	Description
BOE 2200.303	WF eyepiece 10X/20 with Micrometer
BOE 2200.302	WF eyepiece 10x/20 with Pointer
BOE 2200.304	Eyepiece 16x
BOE 2200.702	Collector, Field Iris Diaphragm and Auxiliary Lens for Koehler Illumination

Objectives

Code	Description
BOE 2200.512	BOECO Infinity Semi Plan Achromatic AF Obj. 4X
BOE 2200.514	BOECO Infinity Semi Plan Achromatic AF Obj. 10X
BOE 2200.519	BOECO Infinity Semi Plan Achromatic AF Obj. 20X
BOE 2200.516	BOECO Infinity Semi Plan Achromatic AF Obj. 40X (S)
BOE 2200.517	BOECO Infinity Semi Plan Achrom. AF Obj.100X (S) (Oil)
BOE 2200.552	BOECO Infinity Plan Achromatic AF Obj. 4X
BOE 2200.553	BOECO Infinity Plan Achromatic AF Obj. 10X
BOE 2200.559	BOECO Infinity Plan Achromatic AF Obj. 20X
BOE 2200.554	BOECO Infinity Plan Achromatic AF Obj. 40X (S)
BOE 2200.555	BOECO Infinity Plan Achromatic AF Obj. 100X (S) (Oil)



BOECO BINOCULAR MICROSCOPE MODEL BM-180 SP



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

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 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
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

Code	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 1800.200-LED	Binocular Model BM-180/SP as above but with LED illumination				

BOECO BINOCULAR MICROSCOPE MODEL BM-180//SP

Specification BM-180//SP

Magnification: 40X- 1600X
 Optical Head: Compensation free Seidentopf Binocular Head with Infinity corrected optical system, 30° 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 Infinite Semi-Plan Achromatic 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
 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

BM-180//PL WITH
 COMPENSATION
 FREE, SEIDENTOPF
 TYPE HEAD AND
 INFINITE OPTICAL
 SYSTEM.



BM-180/T//PL WITH
 COMPENSATION
 FREE, SEIDENTOPF
 TYPE HEAD AND
 INFINITE OPTICAL
 SYSTEM.

Code	Model	Head	Objective type	Objective Magnification	Plug
BOE 1800.500	BM-180//SP	Binocular, Seidentopf	Infinite SemiPlan Achrom.	4X, 10X, 40X, 100X (Oil)	Euro
BOE 1800.501	BM-180//SP	Binocular, Seidentopf	Infinite SemiPlan Achrom.	4X, 10X, 40X, 100X (Oil)	US
BOE 1800.530	BM-180/T//SP	Trinocular, Seidentopf	Infinite SemiPlan Achrom.	4X, 10X, 40X, 100X (Oil)	Euro
BOE 1800.531	BM-180/T//SP	Trinocular, Seidentopf	Infinite SemiPlan Achrom.	4X, 10X, 40X, 100X (Oil)	US
BOE 1800.550	BM-180//PL	Binocular, Seidentopf	Infinite E Plan-Achromatic	4X, 10X, 40X, 100X (Oil)	Euro
BOE 1800.551	BM-180//PL	Binocular, Seidentopf	Infinite E Plan-Achromatic	4X, 10X, 40X, 100X (Oil)	US
BOE 1800.560	BM-180/T//PL	Trinocular, Seidentopf	Infinite E Plan-Achromatic	4X, 10X, 40X, 100X (Oil)	Euro
BOE 1800.561	BM-180/T//PL	Trinocular, Seidentopf	Infinite E Plan-Achromatic	4X, 10X, 40X, 100X (Oil)	US

Objectives for BM-180

Code	Description
BOE 1800.413	BOECO Black Semi-Plan Achromat DIN Objective 4X
BOE 1800.414	BOECO Black Semi-Plan Achromat DIN Objective 10X
BOE 1800.418	BOECO Black Semi-Plan Achromat DIN Objective 20X
BOE 1800.415	BOECO Black Semi-Plan Achromat DIN Objective 40X (S),
BOE 1800.416	BOECO Black Semi-Plan Achromat DIN Objective 100X (S)(Oil)
BOE 1800.512	BOECO Infinite Semi-Plan Achromatic Objective 4X
BOE 1800.514	BOECO Infinite Semi-Plan Achromatic Objective 10X
BOE 1800.519	BOECO Infinite Semi-Plan Achromatic Objective 20X
BOE 1800.516	BOECO Infinite Semi-Plan Achromatic Objective 40X (S)
BOE 1800.517	BOECO Infinite Semi-Plan Achromatic Objective 100X (S) (Oil)
BOE 1800.552	BOECO Infinite E Plan Achromatic Objective 4X
BOE 1800.553	BOECO Infinite E Plan Achromatic Objective 10X
BOE 1800.559	BOECO Infinite E Plan Achromatic Objective 20X
BOE 1800.554	BOECO Infinite E Plan Achromatic Objective 40X (S)
BOE 1800.555	BOECO Infinite E Plan Achromatic Objective 100X (S) (Oil)



BOECO BINOCULAR MICROSCOPE MODEL BM-300/I/SP



- Optical Head: Seidentopf Binocular Head, 30° inclined, 360° rotatable, with Infinity corrected optical system
interpupillary Distance 48 - 75 mm
- Nosepiece: Backward quadruple revolving nosepiece
- Eyepiece: Pair Eyepiece WF 10X /18 mm Widefield
- Objectives: BOECO Infinite Semi-plan Achromat Objectives
4x, 10x, 40x (S), 100x (S) (Oil)
- 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: Sliding-in centerable Bright field condenser, n.A. 1,25, Integrated Iris diaphragm and filter tray.
with rack & pinion height adjustment
- Illumination: 3W LED, light intensity adjustable.
- Body /power: Sturdy body with supportive rubber and inbuilt power supply, manual switch 110/220V
- Supplied with: Dust cover, blue + green filter, immersion oil, 1 spare halogen bulb and instruction manual
- Dimension: 200(W) x 397(D) x 422(H) mm
- Weight: Netweight 7,5 kgs, Grossweight 9,2 kg
- Packing: Two styrofoam shelves in a cardboard box, 335(W)x330(D)x530(H) mm

Code	Description
BOE 3000.200	Model BM-300/I/SP, Euro plug
BOE 3000.201	Model BM-300/I/SP, US plug
BOE 3000.300	Model BM-300/T/I/SP, Euro plug
BOE 3000.301	Model BM-300/T/I/SP, US plug

BOECO ROUTINE BINOCULAR MICROSCOPE MODEL BM-120



- Magnification: 40X- 1000X
- Optical Head: Compensation Free 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 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
Travel area 75 x 50 mm,
- Focusing: Coaxial coarse and Fine Focus Adjustment, Range 24mm
Fine Division 2 microns safety autofocus stop unit.
- Condenser: Abbe 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
- Supplied with: Dust cover, blue filter, immersion oil, 1 spare Halogen bulb and instruction manual
- Dimension: 178 x 227 x 360 mm, Netweight 6,20 kg
- Packing: 360 x 260 x 465 mm, Grossweight 7,90 kg

Code	Description
BOE 1200.100	Model BM-120, 220V 50/60 Hz
BOE 1200.101	Model BM-120, 110V 60 Hz

Objectives for BM-120 and BM-117

Code	Description
BOE 1800.403	BOECO DIN Achromatic Objective 4X
BOE 1800.402	BOECO DIN Achromatic Objective 10X
BOE 1800.409	BOECO DIN Achromatic Objective 20X
BOE 1800.404	BOECO DIN Achromatic Objective 40X (S)
BOE 1800.406	BOECO DIN Achromatic Objective 100X (S) (Oil)



Eyepieces for BM-117, BM-120, BM-180

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.

Video Adapter for BM-180/SP

Code	Description
BOE 1800.802	1x Video Attachment with C mount
BOE 1800.803	0,5x Video Attachment with C mount

Video Adapter for BM-180 with infinity optics

Code	Description
BOE 1800.836	1x Video Attachment with C mount

Digital Camera Eyepiece Adapters

Code	Description
BOE 1800.808	Eyepiece Adapter NDPL-1 with 2x magnification and 42 mm thread
BOE 1800.809	T adapter ring to connect NDPL-1 with NIKON SLR camera
BOE 1800.812	Eyepiece Adapter NDPL-6 with 7x magnification and 52 mm thread
BOE 1800.810	Adapter ring set to connect CANON G10 camera with NDPL-6 eyepiece
BOE 1800.806	HDCE-20 Digital Camera Eyepiece with 2 Million pixel USB 2,0 connection and software
BOE 1800.811	HDCE-50 Digital Camera Eyepiece with 5 Million pixel USB 2,0 connection and software

Phase Contrast Kits for BM-180/SP

Code	Description
BOE 1800.902	Single Annular Phase Contrast Kit, consisting of: 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 10x,40x, Green Filter Achromatic Phase Contrast Objectives PH10X, PH40X, Centering Telescope

Dark Field Condenser for BM-180

Code	Description
BOE 1800.305	Dark Field Condenser (Dry) NA 0,9
BOE 1800.306	Dark Field Condenser (Oil) NA 1,25-1,36
BOE 1800.412	Achromatic Objective 100X for Dark Field (Oil)
BOE 1800.417	Plan-Achromatic Objective 100X for Dark Field (Oil)
BOE 1800.419	Infinity Plan-Achrom. Obj. 100X for Dark Field (Oil)

Koehler Illumination set for BM-180

Code	Description
BOE 1800.702	Collector,Field Iris Diaphragm and Auxiliary Lens for Koehler Illumination

Epi-Fluorescent Attachment for BM-180

Code	Description
BOE 1800.906	Epi-Fluorescent Attachment complete set B (Blue), G (Green) V (Violet) Exciting 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 220V/110V, Fluorescence Free Objective 4X, 10X, 40X(S), 100X(S,Oil), Fluorescence Free Oil
BOE 1800.908	U (ultraviolet) Exciting light filter system



T-ADAPTER RING AND NDPL-1 EYEPIECE ADAPTER



ADAPTER RING SET



BOE 1800.902



BOE 1800.903



BOE 1800.904

PHASE CONTRAST KITS



BOE 1800.305



BOE 1800.306

DARK FIELD CONDENSER



KOEHLER ILLUMINATION SET



EPI FLUORESCENT ATTACHMENT