



*Biological Microscopes*  
**series: POL**

The microscopes of the POL series are used to polarize light, this allows to carry out the optical characterization of components such as: crystals, minerals and polymers.

MODEL: POL1M



MODEL: POL1B



MODEL: POL1T



TECHNICAL CHARACTERISTICS	POL1M	POL1B	POL1T
WF10x/18mm eyepiece	•	/	/
Pair of WF10x/18mm eyepieces	/	•	•
Right diopter adjustment $\pm 5$ (diopters) and interpupillary distance 55-75mm	/	•	•
45° inclined monocular head that can be rotated 360°	•	/	/
Siedentopf binocular head inclined 30° rotatable 360°	/	•	/
Trinocular Siedentopf head 30° inclined 360° rotatable. Third exit for photo/video applications	/	/	•
4-position objective nosepiece (click stop), inclined towards the stand to facilitate slide insertion	•	•	•
Objectives DIN 160mm 4x/0.10 - 10x/0.20 - 40x/0.65(S.) - 100x/1.25(S.) Oil	•	•	•
Rotating specimen holder table $\varnothing$ 120mm, 360° rotatable in both directions, graduated with slide holder tweezers	•	•	•
Abbe condenser A.N. 1.25 with iris diaphragm and filter holder, height adjustable by dedicated rack and pinion knob	•	•	•
Filter set for polarized light: analyzer (slide selectable) - polarizer (mounted on the illuminator collector)	•	•	•
Coaxial coarse/fine focusing, fine division 0.002mm with clutch and limit switch (on left knob)	•	•	•
Clutch: adjustment of the intensity of the focus (on the right knob)	•	•	•
End stop: table height adjustment to avoid accidental breakage of the slide	•	•	•
6V/20W halogen lighting with light intensity adjustment	•	•	•
Dimensions	190x210x380(h)mm		
Weight	4.75kg	5.00kg	5.20kg

- supplied / not supplied

## ACCESSORIES

B2-0105	Micrometric eyepiece WF10x/18mm
B1-0015	Micrometric slide division 0,01mm
B2-0120	0.4x CCD mount with C mount for trinoculars
B1-0030	6V 20W G4 halogen lamp