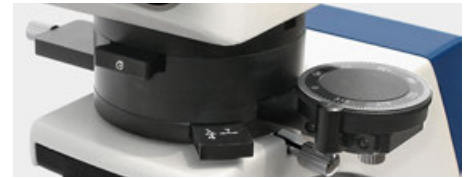
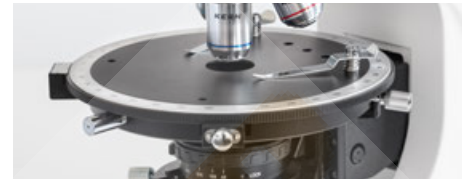


3 Polarising microscopes





Bertrand lens, λ Slip, 360° rotatable analyser (removable)



Center-adjustable and turnable polarisation stage



"Swing-Out" condenser

PROFESSIONAL LINE POL

The flexible and powerful polarising microscope for all professional applications with reflected and transmitted light

Features

- This device is a professional, fully-equipped polarising microscope, which uses the polarisation of light to analyse minerals, crystals and isotropic materials
- The KERN OKO 185 is a combi variant of LED incident illumination and LED transmitted illumination. A height-adjustable 0.9/0.13 Swing-out Abbe condenser which can be centred for complete Köhler illumination are part of the standard version.
- A 360° revolving stage with 1° division, 6' fine division and locking function is integrated into all series as standard
- As standard all series are fitted with a complete polarising unit with scale, a Bertrand lens, a $\lambda + \frac{1}{4} \lambda$ Slip as well as a quartz wedge
- A large selection of accessories such as, for example, a mechanical stage attachment as well as further objectives for a long working distance and filter units are also available
- A protective dust cover, eye cups, as well as multi-lingual user instructions are included in the scope of delivery
- A C-Mount adapter is required to connect a camera. You can select this adapter from the following model outfit list
- Please find detailed information in the following model outfit list

Scope of application

- Mineralogy, texture observations, material testing, observation of crystals

Applications/Samples

- More complex samples with polarising properties

Technical data

- Infinity optical system
- Quintuple nosepiece
- Siedentopf 30° inclined
- Diopter adjustment: Both-sided
- Overall dimensions WxDxH 500x200x500 mm
- Net weight approx. 14,5 kg

STANDARD



Model	Standard configuration					Price excl. of VAT ex works €
	Tube	Eyepiece	Objective quality	Objectives	Illumination	
KERN						
OPO 185	Trinocular	HWF 10x/ø 20 mm	Infinity Plan	Non-stress 4x/10x/20x/40x/50x	5W LED (incident + transmitted)	4840,-

Model outfit		Model KERN	Order number	Price/piece excl. of VAT ex works €
		OPO 185		
Eyepieces (23,2 mm)	HWF 10×/20 mm	✓	OBB-A1591	80,-
	HWF 10×/20 mm (reticule 0,1 mm) (adjustable)	✓	OBB-A1592	110,-
Non-stress Infinity Plan objectives (transmitted)	4×/0,10 W.D. 12,1 mm	✓	OBB-A1294	105,-
	10×/0,25 W.D. 4,64 mm	✓	OBB-A1289	200,-
	20×/0,40 (spring-loaded) W.D. 2,41 mm	✓	OBB-A1290	265,-
	40×/0,66 (spring-loaded) W.D. 0,65 mm	✓	OBB-A1292	310,-
Non-stress Infinity Plan objectives (incident) for long working distance	5×/0,13 W.D. 16,04 mm	○	OBB-A1593	95,-
	10×/0,25 W.D. 18,48 mm	○	OBB-A1594	190,-
	20×/0,40 W.D. 8,35 mm	○	OBB-A1291	345,-
	50×/0,70 (spring-loaded) W.D. 1,95 mm	✓	OBB-A1295	415,-
	100×/0,85 (dry) (spring-loaded) W.D. 3,00 mm	○	OBB-A1595	1080,-
Trinocular tube	<ul style="list-style-type: none"> • Siedentopf 30° inclined • Interpupillary distance 48 - 76 mm • Light distribution 100:0 	✓		
Analyser unit with scale	360° rotatable, lockable	✓		
Bertrand lens	Insertable, center-adjustable	✓	OBB-A1121	305,-
λ + ¼ λ Slip	λ Slip and ¼ λ Slip (combination)	✓	OBB-A1316	140,-
Quartz wedge	I - IV Class	✓	OBB-A1321	240,-
Revolving round stage	360° rotatable, center-adjustable, division 1°, Vernier division 6'	✓		
Polarising attached mechanical stage	Polarising attached mechanical stage	○	OBB-A1337	270,-
Swing-out condenser	N.A. 0,9/0,13 swing-out achromatic condenser (aperture diaphragm)	✓	OBB-A1107	135,-
Polarising unit with scale (transmitted)	360° rotatable, lockable	✓		
Koehler illumination	5 W LED spare bulb (transmitted)	✓	OBB-A1589	75,-
Illumination polarising unit	5 W LED spare bulb (incident)			
Colour filters for transmitted illumination	Blue	✓	OBB-A1170	19,-
	Green	○	OBB-A1188	19,-
	Yellow	○	OBB-A1165	19,-
	Grey	○	OBB-A1183	19,-
C-Mount	1×	○	OBB-A1514	120,-
	0,75×	○	OBB-A1590	170,-
	0,5× (focus adjustable)	○	OBB-A1515	185,-

✓ = Included with delivery

○ = Option



Cleaning sets for microscopes

Features

- This economical and fully equipped 7-piece cleaning set contains everything you need for the very best care of your microscope
- A silicon hand blower, dust brush, 60 ml of cleaning liquid, lint-free duster, optical cleaning cloths and cleaning swabs. You get all that in a high-quality KERN storage bag which you can also easily fix onto your belt
- You can use this set not only to gently clean your microscope, but also for example your camera, binoculars or all other optical surfaces

Model	Description	Price excl. of VAT ex works €
KERN		
OCS 901	7-piece cleaning sets for microscopes und other optical instruments	27,-

Microscopy, measuring technology and testing services from a single source



Optical instruments catalogue



Balances & test service catalogue



Medical scales catalogue



SAUTER measuring equipment catalogue



DAkkS calibration service brochure