



Polarizing Microscope

BA310POL



With acclaimed Motic CCIS Infinity Optics for improved performance and system flexibility, Motic BA310POL microscope offers superb optical performance and flexibility system that can be extended for petrography, mineralogy, industrial and medical applications.

BA310POL

Model	BA310 Polarizing Microscope
Optical System	Color Corrected Infinity Optical System [CCIS®]
Eyepieces	Widefield high eyepoint, N-WF10X/20mm, diopter adjustment rubber eyecup (paired), cross hair on one eyepiece
Observation Tube	Widefield binocular 30° Widefield Trinocular 30° - light distribution 100:0/20:80
Eyepieces	Widefield high eyepoint, N-WF10X/20mm, diopter adjustment on both eyepieces, rubber eyecup (paired), cross hair on one eyepiece
Interpupillary Distance	55 - 75mm
Intermediate tube	360° rotatable analyzer with focusable Bertrand lens
Nosepiece	Reversed quadruple revolving nosepiece, 3 centerable position
Stage	360° rotatable stage
Condenser	Achromat swing-out condenser N.A. 0.90/0.13 (strain-free) with iris diaphragm
Polarizer & Analyzer	Rotatable polarizer, fixed on condenser carrier and rotatable dial analyzer
Focus	Coaxial movement; 30mm stroke; Fine focus with 2µm minimum increment
Transmitted light	Koehler illumination quartz halogen 6V/30W with intensity control

Objective Specification

Type	Magnification	N.A.	W.D.(mm)
EC Plan strain free	4x	0.10	15.9
	10x	0.25	17.4
	20x	0.45	0.9
	40x	0.65	0.5
	60x	0.80	0.35