Motic®

MORE THAN MICROSCOPY



PM1805

This highly engineered polarizing microscope utilizes superb mechanics, a rugged platform and it is offered at a cost far from similar models in this category. Motic's petrographic microscope can be used as a standard bright field or as a polarizing microscope for investigations in geology or mineralogy.

Model	PM1805
Optical System	Finite optical system, 160mm
Observation Tube	Monocular
Inclination	45° inclined, 360º rotating
Eyepiece	Widefield WF10X/18mm with plain cross hair reticule
Analyzer	Swing in/out analyzer
Nosepiece	Reversed quadruple revolving nosepiece with click stops
Objective classification	EA Achromatic, DIN
Objectives	4X/0.10, 10X/0.25, 40X/0.65/S
Objective mounting thread	W 4/5" x 1/36" (RMS standard)
Stage	Circular rotating 360º with spring stage clips
Stage size	Ø 135mm
Scale	1º, vernier 0.1º
Upper limit stop	Preset but adjustable
Condenser	Focusable condenser N.A. 1.25 with iris diaphragm
Focus mechanism	Separate coarse and fine focusing system with tension adjustment
Fine focus precision	2µm minimum increment
Z-axis movement	18mm
Polarizer	Swing in/out polarizer, rotating 360º
Illumination	Built-in transmitted illumination, halogen 12V/20W with intensity control
Transformer	Internal
Power supply	220-240V
Accessories included	Blue filter, Allen hexagonal key and vinyl dust cover
Lenght X Width X Height	220 x 173 x 372
Weight	4,6Kg

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