

Polarizing Microscope



FSF-2005BP Introduction:

Polarizing microscope is widely used in mineral, polymer, fiber, glass, semiconductor, chemical and other fields, using the lights' polarization characteristic to research and identify double refraction material; users are able to make single polarization observation, orthogonal polarization observation, cone light observation etc.

FSF-2005BP Parameter:

Eye piece	Wide Field Plan-scope Eyepiece WF10X18mm
Objective	45mm DIN Achromatic Objective 4X, 10X, 40X(5), 100X(S.O.I)
Head	Sliding trinocular Head, interpupillary Distance: 55-75mm; 45° inclined, 360° rotatable
Stage	Revolving Round Stage: $\phi 160$ mm; 360° Rotatable and Graduated 1° increments, Minimum Resolution 6
Condenser	ABBE Condenser: N.A. 1.25, $\phi 2-\phi 30$ mm Iris Diaphragm and $\phi 32$ Filter
Focusing Adjustment	Coaxial Coarse and Fine Focusing Adjustable Mechanism: 14mm, precision: 0.01mm
Others	Optical Compensator: ASlip (first sales red), 1/4 ASlip
Illumination	Built-in adjustable brightness 1W LED lamp
Optional	Eyepieces WF16X
Net Weight	4kg

FSF-2009TP Introduction:

Polarizing microscope is widely used in mineral, polymer, fiber, glass, semiconductor, chemical and other fields, using the lights' polarization characteristic to research and identify double refraction material; users are able to make single polarization observation, orthogonal polarization observation, cone light observation etc.



FSF-2009TP Parameter:

Eye piece	1 Piece Wide field plan-scope eyepiece WF 10X18mm with scale of crosshair 0.1mm & 1 piece wide field Plan-scope eyepiece WF 10X18mm
Objective	45mm strain free achromatic objective: 4x, 10x, 40x, 63x
Head	Sliding trinocular head, interpupillary distance: 55-75mm; 45° increments, 360° rotatable
Analyzer & Bertrand Lens	Rotatable analyzer with graduation 0°-90°, sliding out of optical path; bertrand lens, sliding out of optical path
Stage	Revolving round stage: $\phi 160$ mm; 360° rotatable and graduated 1° increments, Minimum resolution 6° when using vernier scale, center adjustable
Condenser	ABBE Condenser: N.A. 1.25, $\phi 2-\phi 30$ mm iris diaphragm and $\phi 32$ filter
Focusing Adjustment	Coaxial coarse and fine focusing adjustable mechanism: 35mm; fine focusing adjustable precision: 0.002mm
Others	Optical compensator: ASlip (first sales red), 1/4 ASlip, Quartz wedge, polarizer on the light collector, 360° rotatable
Illumination	built-in adjustable brightness 1w LED lamp
Optional	Infinity System Strain free Plan-scope Achromatic Objective 5x, 10x, 40x
Net Weight	10kg