

Mi5 Polarizing

The Mi5 Polarizing LabScope is an essential tool for synovial fluid analysis. Crystal-induced arthritis, such as gout or pseudogout, can be identified and differentiated with the use of the polarizing attachment and red compensator lens. The Mi5 also functions as a flat-field, laboratory-grade microscope for routine cytology, hematology, urinalysis, etc. This specialized system was designed to combine high-resolution optics with functionality at an affordable price for rheumatologists, gemologists, and more.

HEAD

Binocular (Seidentopf), Trinoc available
Diopter adjustment +/-5
Inclined 30°
10X/20X Super WF HP eyepieces;
numbered cross scale
Focusable eyepiece with numbered cross
scale reticle
Interpupillary distance range 50-75mm

OBJECTIVES

Infinity Plan objectives
4x, 10x, 20x, 40x
60x dry available
Anti-fungal, parfocal, parcentric, color-coded

STAGE

Center-adjustable stage (153mm diameter)
360 degree rotation; 1 degree increments
Center adjustable
Tension control knob
Slide clips (mechanical add-on available)

NOSEPIECE

Reverse quintuple nosepiece
Multiple ball bearing mounted

ILLUMINATION

Moveable Abbe condenser, NA 1.25
Iris Diaphragm
6V/20W Clear Halogen illumination
Variable light adjustment: 0-20W output
90-240V / 50-60Hz automatic-switching
power cord

FOCUS

Coarse adjustment: range of 22mm
Fine adjustment: graduation of 2µm
Tension control knob



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Model #	Description
M5M-BPOL-IPH3	Mi5 Polarizing binoc, Infinity Plan objectives, halogen illumination
M5M-TPOL-IPH3	Mi5 Polarizing trinoc, Infinity Plan objectives, halogen illumination
M5P-STG7-POL7	Mechanical stage
M5O-060X-IPDR	60x dry objective for Mi5

- 60X Objective & Mechanical Stage Available
- Anti-Fungal Coating on All Lenses
- Consistent, Even Brightness

WEIGHT AND DIMS

Height: 15.6" (396 mm)
Length: 16.5" (420 mm)
Width: 8.1" (206 mm)
Weight: Trinoc: 20.5 lbs.
Binoc: 20.0 lbs.

ANALYZER & ACCESSORIES

Uric Acid Control slide
Polarizing analyzer with 360 degree increments
Red Compensator lens (λ); ($\lambda/4$) lens;
Quartz Wedge Bertrand lens

OPTIONS

Camera attachments (digital and HD)
60x dry objective



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