

# Mi5 Polarizing Microscope for Rheumatology

The Mi5 Polarizing Microscope for Rheumatology 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 Polarizing Microscope for Rheumatology 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



## Mi5 for Rheumatology

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. (9.3kg.)  
Binoc: 20.0 lbs. (9.1kg.)

## ANALYZER & ACCESSORIES

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

## OPTIONS

Camera attachments (digital and HD)  
60x dry objective



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