

# Mi5 Epi Lumin™

The Mi5 modular microscope was developed for use in a broad range of applications and has a great new optical enhancement. The new Mi5 Epi Lumin™ module allows for FITC Epi Fluorescence at a very affordable price. For users looking to rid their facilities of harmful Mercury HBO bulbs that emit UV light and upgrade from their antiquated Epi Fluorescence (EF) systems, the Mi5 Epi Lumin™ is the perfect solution.

With integrated LED technology for both bright field and Epi-Fluorescence microscopy, the Mi5 Epi Lumin™ offers superior clarity and crisp imaging—all at a price that allows even labs on a limited budget to benefit from the latest technological advances.

The Lumin™ epifluorescence module converts our standard Mi5 microscope to a fully functional epifluorescence microscope. The resulting images rival those obtained from traditional, expensive epifluorescence systems.

## HEAD

Binocular (Seidentopf), Trinoc available  
Digital cameras and adapters available  
Diopter adjustment +/-5  
Inclined 30°  
10X/20X Super WF HP eyepieces  
Interpupillary distance range 50-75mm

## OBJECTIVES

Infinity Plan objectives  
4X, 10X, 20X, 40XR, 100XR (oil)  
50X (oil) and 60x dry objectives are also available  
Anti-fungal, parfocal, parcentric, color-coded

## ILLUMINATION

### Brightfield:

Moveable Abbe condenser, NA 1.25  
Iris Diaphragm  
Input: 12V  $\equiv$  1A  
(use only supplied power adapter)  
Power Adapter: Input 100-240v  
50-60 Hz auto-switching

### Epifluorescence:

LED long-life light source  
Excitation spectrum: FITC standard  
ther filter cubes available upon request



Designed, Engineered & Assembled  
Proudly in America



Model #	Description
M5S-EPB5-IPL3	Mi5 Lumin™ Epi-Fluor (490/510nm) Infinity PLAN Binoc, LED
M5S-EPT5-IPL3	Mi5 Lumin™ Epi-Fluor (490/510nm) Infinity PLAN Trinoc, LED

## NOSEPIECE

Reverse quintuple nosepiece  
Multiple ball bearing mounted

## FOCUS

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

## STAGE

Mechanical stage (135mm X 184mm)  
Coaxial drive controls, metal rack & pinion  
Range of traverse: 73mm x 43mm  
Stage locking lever  
Slow-close hydraulic slide finger

## DIMENSIONS

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

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