



Infinity Epi-Fluorescence

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The M2 LabScope with Epifluorescence features a 100W HBO light system with blue and green exciting light filters. This scope is an ideal tool for immunology and other specialized applications. This system creates UV light at specific wavelengths for exciting fluorochrome-stained specimens. The light housing is mounted between the body and head of the microscope and includes a variable-control transformer box. A convenient centering screen is built into the front of the unit for fast and precise centering of the bulb. This unit can also be used as a standard microscope by sliding the filter cube housing to the "O" (ordinary light) position.

- 100W HBO Light System
- 10X/20 High Point Oversized Eyepieces
- Anti-fungal Coating on Optics



Model #	Description
M2-EP	M2 Infinity Epi-Fluorescent (100W) Binoc
M2-EPT	M2 Infinity Epi-Fluorescent (100W) Trinoc
M5-EP	M5 Infinity Epi-Fluorescent (100W) Binoc, 5 objectives
M5-EPT	M5 Infinity Epi-Fluorescent (100W) Trinoc, 5 objectives

Nosepiece

Reverse Nosepiece
 Quadruple—multiple ball bearing
 Available with 5-objective nosepiece
 Protective filter

Head

Binocular (Seidentopf)
 Trinocular with 35mm or C-mount camera tube
 Inclined 30 degrees
 Rotates 360 degrees
 10x/20 High Point eyepieces
 Interpupillary distance range 50-75mm

Illumination

Moveable Abbe Condenser (NA 1.25)
 Iris Diaphragm
 Halogen light source (12v 20w bulb)
 Variable Light Adjustment: 0 - 20 watt output
 90-240 volt variable / 50-60 Hz
 Epi-fluorescence:
 20v 100w HBO superhigh pressure spherical mercury lamp
 2 exciting light waves (blue and green)
 Exciting blue light spectrum: 450~480 nm
 Exciting green light spectrum: 510~550 nm

Focus

Coarse Adjustment: Range of 20mm
 Fine Adjustment: Graduation of 2um
 Tension control knob

Objectives

Infinity Semi-plan Objectives; Anti-fungal coating
 4X NA .10
 10X infinity NA .25
 40XR infinity NA .65 Retractable
 100XR infinity NA 1.25 (oil) Retractable
 20X objective available on the M5 model only

Stage

160mm x 140mm stage
 Coaxial drive controls
 Range of traverse is 77mm x 50mm
 Stage locking lever
 Lateral and forward/reverse positioning
 Slow-close hydraulic slide finger

Accessories Included

One fuse (250v, 8 amp)), one bulb (Superhigh pressure spherical mercury lamp), dust cover, type FF immersion oil, operations manual, and warranty card.

Dimensions and Weight

Width: 7 7/8" (200 mm)
 Height: 16 1/2" (420 mm)
 Length: 10 5/8" (270 mm)
 Weight: 19.5 lbs. (9 Kg)