

FLUORESCENT MICROSCOPE IMF-1400 SERIES



Fluorescent Microscope IMF-1400 Series is ideal for education, pathology investigation, clinical and laboratory usage. Innovative LED as fluorescence illumination source, provide excellent image with easy and comfortable usage experience. 3W LED Epi-Fluorescence Illumination with consistent color temperature, achromatic objective to ensure high image flatness across the field, single lens and ABBE Condenser with iris diaphragm and backward quadruple revolving nosepiece. The binocular, and Trinocular viewing head has excellent Infinite E-Plan Achromatic Objective 4X/0.10 of length 12.10mm, 10X/0.25 of length 4.64 mm, 20X/0.40(S) of length 2.41 mm, 40X/0.65 (S) of length 0.65 mm, 100X/1.25(S, Oil) of length 0.12 mm objectives and each eye tube has interpupillary adjustment. Designed with blue, green, amber, grey filters as an optional accessory. Provide tremendous fluorescent image with high resolution fluorescent objectives including infinite Plan achromatic objective, and backward Quintuple resolving nosepiece. Designed with LED epi-fluorescent uni, 3w led fluorescent lamp, mercury lamp epi-fluorescence lamp. Equipped with excitation filter for incoming light and emitted filters for emitted light and dichroic mirror to reflect the excitation light to the sample and instantaneously transmit only the emitted light from the sample back to the detector.

Features

- ◆ Wild field WF10X20 mm and WF10X22 mm eyepieces
- ◆ Coaxial coarse and fine adjustment, fine division 0.002 mm, coarse stroke 37.7 mm/rotation, fine stroke 0.2/rotation, moving range 22 mm
- ◆ Reckless double layers mechanical stage of length 182 mm
- ◆ Swing out condenser N.A.0.9/1.25 with iris diaphragm
- ◆ Mirror and 12V/20W halogen lamp light source
- ◆ Different filters including blue filter and green, amber, grey filters as an optional accessories
- ◆ Binocular 30° inclined and a 360° rotatable head with interpupillary distance 48 to 76 mm, trinocular 30° inclined and a 360° rotatable head with interpupillary distance 48 to 76 mm
- ◆ Small foot print and light weight
- ◆ Easy operating with ergonomic design
- ◆ Excellent image quality with infinite optical system
- ◆ Optional accessories: video adapter, photo adapter, filter, dark field unit, polarizing unit, phase contrast unit, koehler illumination
- ◆ 3W LED lamp Kohler Illumination as an optional accessories

Technical Specifications

Model	IMF-1470		IMF-1480	
Type	Fluorescent Microscope			
Viewing Head	Binocular Head, 30°, Rotatable 360°, ID: 48-76mm		Trinocular Head, 30°, Rotatable 360°, I D: 48-76mm,	
Fluorescent	3W LED Epi-Fluorescence unit (Six-hole disc, B & G filters(optional: Auramine O /U/V filters and corresponding fluorescence lamps and 100W Mercury Epi-Fluorescence unit)			
Reflected Light Source	-			
Optical System	Infinite			
Focusing	Coaxial Coarse and Fine Focusing Knob, Coarse Focusing Travel Range: 25mm, Coarse Stroke 42.4mm/rotation, Fine Stroke 0.2mm/Rotation, Fine division: 2μm			
Eyepiece	WF10X22mm (Diopter adjustable), tube diameter:30mm(optional:WF15X16mm , WF10X22mm with 0.1mm)			
Nosepiece	Backward Quintuple			
Objective	Infinite Plan Achromatic: 4X/0.10 of length 12.10mm,10X/0.25 of length4.64 mm,20X/0.40(S) of length2.41 mm,40X/0.65 (S) of length0.65 mm,100X/1.25(S, Oil) of length 0.12 mm (optional:2.5X/0.07 of length8.47mm, 60X/0.80(S) of length 0.33 mm)			
Stage	Rackless Double Layers Mechanical stage, Size: 182mm			
Light Source	6V/30W Halogen Lamp with Field Diaphragm(optional:3W LED)			
	Swing out condenser N.A.0.9/0.13, with iris diaphragm			
Condenser				
Filter	Blue(optional: Green/ Amber/Grey filters)			
Certification				
Optional Accessories	Video Adapter, Photo Adapter, Filter, Dark Field Unit, Polarizing Unit, Phase Contrast Unit, Koehler Illumination			
Packing Dimension	755x340x440 mm			
Packing Weight	GW-17 kg NW- 15 kg			
Electrical Requirement	100 V	240 V	100 V	240 V
Catalogue No.	440105-05-01	440105-05-02	440105-10-01	440105-10-02

Fluorescent Filters

