

FM-3000 Series FLUORESCENT MICROSCOPE

- Magnification 40X ~1000X Available
- 8 Holes Disc Fluorescence Illuminator Fluorescent
- Filter B,G,U,V, More Available
- 100W LED Fluorescent Light Source
- Excellent Infinity Optical system



Specifications				
Head	Binocular			
	Seidentopf Head, Eyepiece Tube Dia.30.5mm, Inclined 30°, Rotatable 360°, Interpupillary Distance 48-75mm, Head Light Split 100:0/20:80.			
Frame	Frame with high static rigidity, waterproof construction to block penetration of water inside the frame.			
Eyepiece	WF10x/22mm, High Eyepoint, Diopter Adjustable, 1 Pair			
Nosepiece	Sextuple			
Objective	Infinity Plan Objective 4x/0.1, W.D. 12.10m 10x/0.25, W.D. 4.64mm 20x/0.40, W.D. 2.41mm 40x/0.65(S), W.D. 0.65mm 100x/1.25(O,S), W.D. 0.12mm			
Stage	Rackless Mechanical Stage Size 140X182mm, 77X52mm, Double Slide Holder to adapt petri plates, glass slides, Terasaki plates, etc.			
Observation Tube	Binocular observation tube having diopter adjustment function.			
Condenser	N.A.0.9/0.13, Swing Out, With 5 positions for BF, PH & DIC. With Iris Diaphragm			
Focusing	Coaxial Coarse and Fine Focusing Knobs			
Illumination	12V100W Halogen Lamp, Kohler Illumination With Field Diaphragm, With Blue Filter			
Power	Wide Range Voltage 100~240V			
Packing	Carton Size 99*34*44cm, G/N Weight 23/21 Kgs			
Fluorescence	B/G/U/UV Epi Fluorescence Unit 8 Holes Disc Fluorescence Illuminator UV Safety Barrier 100W LED Lamp House Excitation Filter B/G/U/UV			
		Excitation (nm)	Dichroic Mirror (nm)	Barrier Filter (nm)
	Blue	BP420~490	DM505	BA520
	Green	BP500~550	DM575	BA590
	Violet	BP380~420	DM430	BA460
	Ultra Violet	BP330~380	DM400	BA435

LIGHT SOURCE

Transmit light, halogen 6v30w, koehler illumination, with phase contrast slide and long working distance condenser N.A.0.3.



LED FLUORESCENCE DEVICE

Epi Fluorescence Unit, Field Diaphragm, Center Adjustable, With B/G Filter.

FM-3000 Series Microscope Optional Accessories		
Infinity Plan Achromatic Objective	2.5X/0.7 W.D.8.47mm	A52.2606-2.5
	60X/0.80(S) W.D.=0.33mm	A52.2606-60B
	100X/1.15(S, Water) W.D.=0.19mm	A52.2606-100W
Phase Contrast Set	Infinity Plan Phase Contrast Set Including: --Turret Phase Contrast Condenser With 5 Holes --Infinity Plan Phase Contrast Objective 10x, 20x, 40x, 100x --Centering Telescope 10x --Green Filter	A5C.2603-2
Simple Phase Contrast Set	Small Phase Contrast Condenser With Slot For Slide Centering Telescope 10x + Green Filter Infinity Plan Phase Contrast Objective 10x Phase Contrast Slide 10x	A5C.2602-10
	Small Phase Contrast Condenser With Slot For Slide Centering Telescope 10x + Green Filter Infinity Plan Phase Contrast Objective 20x Phase Contrast Slide 20x	A5C.2602-20
	Small Phase Contrast Condenser With Slot For Slide Centering Telescope 10x + Green Filter Infinity Plan Phase Contrast Objective 40x Phase Contrast Slide 40x	A5C.2602-40
	Small Phase Contrast Condenser With Slot For Slide Centering Telescope 10x + Green Filter Infinity Plan Phase Contrast Objective 100x Phase Contrast Slide 100x	A5C.2602-100
Adapter	1.0x C-mount	A55.2601-10
	0.5x C-mount (Focus adjustable)	A55.2601-05
	For Digital Eyepiece Camera	A55.2610

FEATURES

- The system has scientific color camera with resolution of 5 MP.
- CMOS Color digital
- USB 3.0 interface.
- Imaging sensor : Size : 1/2.5 inch color CMOS, C-Mount
- Image Size : 2560 x 1920, 1280 x 960, 1920 x 1080 (Full HD), 640 x 480,
- Pixel Size : $2.2 \times 2.2 \mu\text{m}$,
- Binning : 2x, 4x, A/D
- Converter (Bit Depth) : 12 bit
- Quantum efficiency $\geq 60\%$ at 500nm,
- Live Interface : camera head:
- Image Display: 15 frames per second at Full
- Resolution and upto 32 FPS in Full HD Mode and upto 75 or more FPS resolution with binning.
- The camera has facility of active noise reduction Image Averaging for clean and noise-free images,
- Automatic white balance, and the direct support of videos in full HD format.
- On-Sensor light guide technology to reduce the scattering of light inside the sensor,
- Precisely focusing it on the individual pixels to improve overall sensitivity
- Provide bright and vivid images.
- Produce real image from ocular to monitor.

SOFTWARE

- An interface between the digital camera and the computer system.
- Fully compatible for Bright field,
- Phase Contrast as well as immunofluorescence imaging and analysis with features for overlay multiple images
- Document groups for side by side image comparison.
- Facility to Touch count/Object Count count objects,
- Export to excel files or workbooks.
- Channel Merging and extraction,
- Time-lapse imaging at specified interval,
- Manual Multiple image alignment based on live image, Manual Z axis imaging,
- Geometry /combine /filter processing,
- Multiple Image Stitching,
- Phase Analysis,
- Region and line measurements,
- Documentation and collaboration. User experience customization,
- Movie playback,
- Tile view, Snap/ movie acquisition,
- Manual EFI imaging, views of 3D images,
- Interactive measurements.
- Monochrome and colour mode camera.

HPLC Servicing, Validation, Trainings and Preventive Maintenance :

HPLC Servicing :HPLC Servicing : We have team of service engineers who can attend to any make of HPLC promptly @the most affordable cost.

Trainings :We also take up preventive Maintenance to reduce downtime of HPLC's Trainings.

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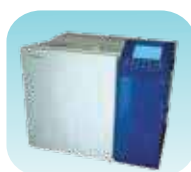
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Reach us @



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