



**VISION PLUS
8000 - FL PRO**

Trinocular Observation Head

- Siedentopf observation head inclined at 30° rotatable at 360°.
- Light path selector lever to direct either full light to observation head or 80% to vertical.
- Vertical phototube for digital camera.
- Diopter adjustment ring on ocular tube(±5).
- Inter-pupillary distance from 48mm to 75mm.

Eyepiece

- Wide field eyepiece 10X (paired) F.O.V. 25mm.

Objectives (Anti fungus coated)

- Plan FLUOR 2X, 4X, 10X, 20X, 40X(SL) and 100X(SL) Oil.

Mechanical Body

- Co-axial focusing system with large knobs, PRE-FOCUSING LEVER & TENSION ADJUSTMENT RING.
- Reverse angle sextuple nosepiece on ball bearing. Slot for Polarizer and DIC.
- Double Plate rackless mechanical stage is 187mmX167mm.
- The mechanical stage has low positioned co-axial controls on ball bearing guide ways.
- Fine division 0.001mm coarse, per rotation , fine stroke 0.1mm per rotation, moving range 24mm

Substage Condenser

- Swing out front lens, N.A. 0.9/1.25, filter holder and iris diaphragm.

Excitation Filters (Optional)

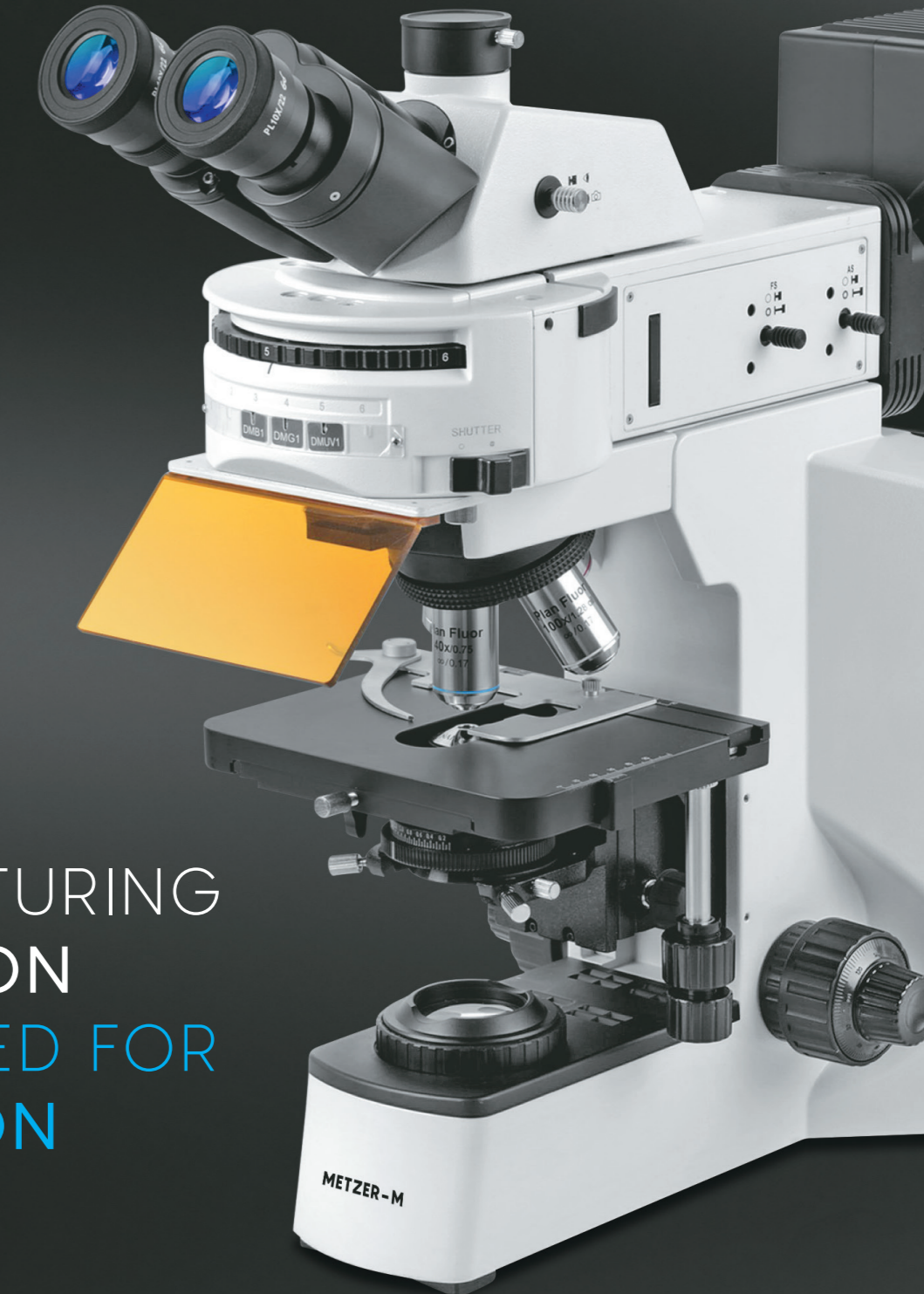
- B Excitation (400-490nm) standard
- G Excitation (510-550nm) standard
- UV Excitation (330-385nm) standard
- V Excitation (400-410nm) standard

Light Source

- Transmitted Kohler light source: 3W LED or 12V/100W tungsten halogen bulb.
- Epi-Fluorescence light source: 100W high pressure mercury lamp.

Standard Accessories

- 3W LED/ 12v/100w Halogen bulb, operating manual, dust cover, fuse, guarantee card, blue filter, power supply for 100w mercury lamp and styrofoam molded pack.



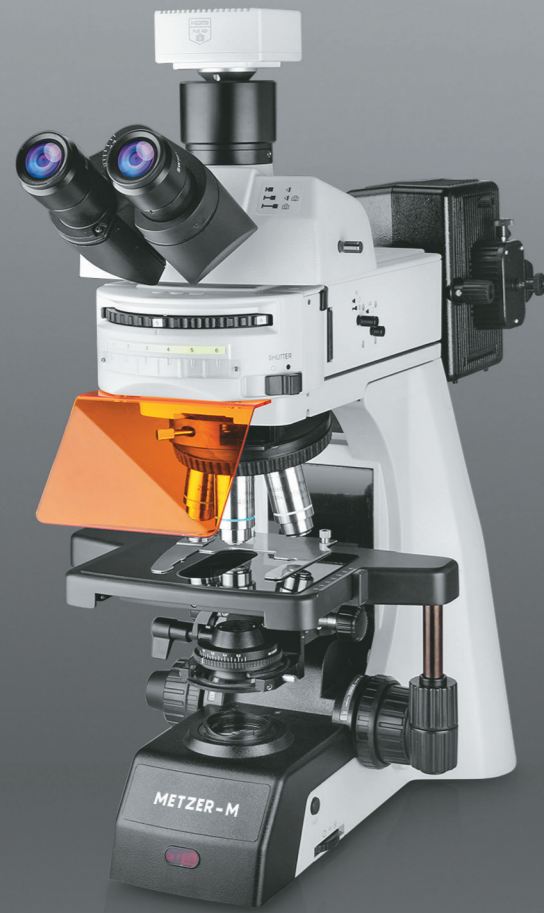
MANUFACTURING
INNOVATION
ENGINEERED FOR
PERFECTION



Manufactured by:
METZER OPTICAL INSTRUMENTS PVT. LTD.

E-mail: info@metzerlab.com, delhi@metzeropto.com
Website: www.metzerlab.com

FLUORESCENCE
MICROSCOPES



VISION PLUS
8000 - FL EDGE



VISION PLUS
8000 - FL STAR



VISION PLUS
8000 - FL ZOOM



VISION PLUS
8000 - FL MAX

Trinocular Observation Head

- Siedentopf observation head inclined at 30° rotatable at 360°.
- Vertical phototube for micro photography.
- Diopter adjustment ring on ocular tube(±5).
- Inter-pupillary distance from 48mm to 75mm.

Eyepiece (Anti fungus)

- 10X/26.5 mm with diopter adjustment.

Objectives (Anti fungus coated)

- Plan Achromatic 2X, 4X, 10X, 20X, 40X and 100X.

Mechanical Body

- Co-axial focusing system with large knobs, PRE-FOCUSING LEVER & TENSION ADJUSTMENT RING.
- Reverse angle sextuple nosepiece on ball bearing.
- Double Plate rackless Mechanical stage is 187mmX168mm Slot for Polarizer and DIC.
- The mechanical stage has low positioned co-axial controls on ball bearing guide ways.
- Fine division 0.001mm coarse, per rotation, fine stroke 0.1mm per rotation, moving range : 80mm X 55mm.
- Built in transmitted filter LBD/ND6/ND25.

Trinocular Observation Head

- Swing out front lens, abbe condenser
- N.A. 0.9/0.25, filter holder & iris diaphragm

Excitation Filters (Optional)

- B Excitation (400-490nm) standard/li>
- G Excitation (510-550nm) standard
- UV Excitation (330-385nm) standard
- V Excitation (400-410nm) standard

Reflected Illumination System

- Sextuple reflected fluorescence illuminator with iris field diaphragm and aperture diaphragm, central adjustable with filter slot and polarizing slot, with fluorescence filter (B/G/UV/V)
- 100W Mercury lamp house, filament centre and focus adjustable with reflected mirror, centre and focus adjustable
- Digital power controller, wide voltage 100-240 VAC.
- Imported OSRAM 100W Mercury lamp.

Transmitted Illuminator

- 12V/100W halogen lamp house for transmitted light, centre pre-set, intensity adjustable.

Standard Accessories

- 12V/100W halogen tungsten bulb, Power cord and cedar oil.

Trinocular Observation Head

- Siedentopf observation head inclined at 30° rotatable at 360°.
- Light path selector lever to direct either full light to observation head or 80% to vertical.
- Vertical phototube for digital photography.
- Inter-pupillary distance from 50mm to 75mm.
- Diopter adjustment ring on ocular tube.

Eyepiece

- Wide field eyepiece 10X (paired) FOV 22mm.

Objectives (Anti fungus coated)

- Infinity objective 4X.
- Infinity objective phase 10X, 40X (S.L.) and Oil 100X (S.L.)

Mechanical Body

- Co-axial focusing system with large knobs, PRE-FOCUSING LEVER & TENSION ADJUSTMENT RING. Fine focusing scale value 0.002mm.
- Reverse angle quintuple nosepiece on ball bearing.
- Mechanical stage is 140mmX160mm.Moving range 80mm X 50mm
- The mechanical stage has low positioned co-axial controls on ball bearing guide ways.

Condenser

- N.A 1.25 Abbe condenser with iris diaphragm and filters.

Excitation Filters

- B Excitation (400-490nm) standard
- G Excitation (510-550nm) standard

Light Source

- Transmitted light source: 3W LED.
- Epi-Fluorescence light source: 100W high pressure mercury lamp.

Standard Accessories

- 100W high pressure mercury lamp. Styrofoam molded pack.

Trinocular Observation Head

- Observation head inclined at 20°.
- Diopter adjustment ring on both ocular tube.
- Inter-pupillary distance from 57mm to 75mm.
- Lateral tube for digital camera.
- '8' Inch LCD Screen 360 degree Horizontal and 90° vertical rotatable with android operating system.
- Built in 5.0 camera with HDMI, USB 2.0 Port

Eyepiece

- Focusable extra Wide field 10X (paired) F.O.V. 22mm.

Zooming Range & Ratio

- Zoom 0.8X to 8X with magnification ratioof 1:10.
- Plan achromatic objective 1X.

Magnification Range

- 8 X to 50X.

Working DISTANCE

- 78mm.

Mechanical Body

- Track stand with co-axial focusing mechanising.
- Incident and transmitted light system with LEDlamp.
- The system regulated with transformer has intensity control knob.
- On/off switch to provide flexibility to use either both light or any of them.
- Clip for holding specimen.
- Lateral zoom control movement.

Trinocular Observation Head

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- Light path selector lever to direct either full light to observation head or 80% to vertical.
- Vertical phototube for digital camera.
- Diopter adjustment ring on ocular tube(±5).
- Inter-pupillary distance from 48mm to 75mm.

Eyepiece

- Wide field eyepiece 10X (paired) F.O.V. 25mm.

Objectives (Anti fungus coated)

- FLUOR Objective 2X, 4X, 10X, 20X, 40X(SL) and 100X(SL) Oil

Mechanical Body

- Co-axial focusing system with large knobs, PRE-FOCUSING LEVER & TENSION ADJUSTMENT RING.
- Reverse angle sextuple nosepiece on ball bearing. Slot for Polarizer and DIC.
- Double Plate rackless mechanical stage is 187mmX167mm.
- The mechanical stage has low positioned co-axial controls on ball bearing guide ways.
- Fine division 0.001mm coarse, per rotation , fine stroke 0.1mm per rotation, moving range 24mm

Substage Condenser

- Swing out front lens, N.A. 0.9/1.25, filter holder and iris diaphragm.

Excitation Filters (Optional)

- B Excitation (400-490nm) standard
- G Excitation (510-550nm) standard

Light Source

- Transmitted Kohler light source: 3W LED bulb.
- Epi-Fluorescence light source: . 3W high brightness LED lamps. Enable selecting monochromatic or dichromatic LED for light source.

Standard Accessories

- 3W LED, operating manual, dust cover, fuse, guarantee card, blue filter, and styrofoam molded pack