

Delphi-X Inverso Microscope

Item# EDI-1053-PLPHFI

Inverted microscope for BF and PH observation

Eyepieces

- Pair of DIN HWF plan 10x/25mm eyepieces.

Head

- Trinocular 45° inclined tubes. Interpupillary distance of 47 to 78mm. Trinocular head with 100/0, 80/20 and 0/100 positions.

Nosepiece

- Revolving sextuple nosepiece on ball-bearings. The nosepiece can be equipped with DIC prisms for 10x/20x/40x and 60x objectives for future DIC observation.

Objectives

High numerical aperture Infinity Semi-Apochromatic LWD plan phase Fluarex™:

- PLPHFI 10x/0.30 WD 10.2mm
- PLPHFI 20x/0.45 WD 7.5 to 8.8mm
- PLPHFI 40x/0.60 spring WD 3 to 4.4mm

Objectives 20x and 40x are equipped with collar adjustment ring for glass thickness from 0 to 1.2mm

All optics have an anti-fungus treated and anti-reflection coated for maximum light throughput.

Fluarex™ objectives are made of low-absorption glass.

Fluarex™ is a trademark of Euromex microscope bv.

Stage

- Stage 340 x 230mm equipped with a coaxial mechanical 130 x 85mm X-Y stage, delivered with:
 - Metal insert for Ø 38mm cell culture dish
 - Metal insert for Ø 54mm cell culture dish or 76x26mm slides
 - Metal insert for multiwell plates (127.76 x 85.48mm)
 - Metal insert for Terasaki plates (83.3 x 58.0mm)



Condenser

- Rotating N.A. 0.55 condenser with 6 positions, iris diaphragm and filter holders. WD 26mm, supplied with PH annuli for 10x/20x, 40x and 60x objectives, brightfield position and slots for DIC prisms plus 3 filter holders that allows the insertion of Ø 38mm filters in the optical path.
- The arm with condenser can be tilted backwards for convenient access to the stage and place large objects like flasks and petri dishes.

Magnification Changer

- An intermediate lens changer with a 1.5x lens allows intermediary magnification of 1.5x times the standard objective. For example, switching 20x to 30x or from 40x to 60x magnifications without the need to change objectives.

Fluorescence Filter Set Wheel

- The Delphi-X Inverso comes with a 6-position fluorescence filter set wheel ready to hold fluorescence filters for future observation. (Fluorescence filters are not included)

Focusing Adjustment

- Coaxial 10mm coarse and fine adjustments, 1 μ m precision and friction adjustment.

Illumination

- Transmitted 5W LED with intensity adjustable with internal 100-240VAC power supply. Fuse holder 5A/250VAC.

Package Contents

- Supplied with:
- Metal insert for \varnothing 38mm cell culture dish
- Metal insert for \varnothing 54mm cell culture dish with 76x26mm slides
- Metal insert for multiwell plates
- Metal insert for Terasaki plates
- Blue and green \varnothing 38mm interference filters
- Power cord, dust cover. Green filter, alignment telescope for PH observation. User's manual.



Customer service, sales and technical support:

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