

Oxion Microscope Series

Item# **EOX-2053-PLPH**

Inverted Microscope

Eyepieces

- Pair of DIN HWF plan 10x/22mm eyepieces.

Head

- Trinocular 45° inclined tubes with extended low and high positions. One diopter adjustment on left eyepiece. Interpupillary distance of 54 to 75mm. Trinocular head with light path selector 100:0/0:100.

Nosepiece

- Revolving quintuple (5) nosepiece on ball-bearings.

Objectives

- Infinity color corrected long working distance (LWD) PLAN PHASE
- PLPH 10x/0.25 WD 7.94mm
- PLPH 20x/0.40 WD 6.92mm
- PLPH 40x/0.60 WD 2.74mm

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

Stage

- Stage 250 x 230 mm equipped with a coaxial mechanical 120 x 78mm X-Y stage, delivered with:
 - metallic insert for Ø 35mm cell culture dish dishes
 - 76 x 26mm slide holder
 - glass insert with hole

Condenser

- N.A. 0.30 condenser with iris diaphragm. Working distance 72mm. Includes a phase slider for 4x/10x and 20x/40x pre-centered phase rings.

Focusing

- Coaxial 25mm coarse and fine adjustments, 2µm precision and with friction adjustment.



Illumination

- Transmitted 5W LED Intensity adjustable with internal 100-240VAC power supply. Fuse holder 3.15A / 250VAC.

Filters For Phase Contrast Models

- Interference filter 550nm green and blue, 45mm diameter as well as centering telescope.

Package Content

- Supplied with power cord, dust cover and user manual. Phase contrast models are supplied with green filter and alignment telescope. Metal transport case included.