



iOX series



iOX-700 Pro

Laboratory Microscope

Key Features:

1. High contrast Flat Field PLAN optics with edge-to-edge clarity.
2. Focusable & Lockable 10x/20mm FOV eye-pieces with eye guard.
3. Long lasting LED illumination with up to 100,000 hrs. of LED life.
4. Multi-layer coatings on all the optics for high performance.
5. ϕ 2mm Allen key lockable observation head.

MICROSCOPE SPECIFICATION

Optical System	Universal high Contrast Finite Plan Color Corrected Optical System
Contrast	Brightfield
Techniques	Optional: Darkfield, Phase Contrast, Polarization, Fluorescence.
Stand	Ergonomically designed sturdy Aluminum Die cast body with high quality pai. With window in the arm, extended base with hand rest for enhanced comfort and stability
Magnification	40x to 1000x visual magnification
Viewing Head	360-degree rotatable compensation free 30 deg. inclined Siedentopf Binocular/Trinocular Head with IPD 50-75mm with multi-layer Anti-fungal and anti-reflection coating.
Eyepieces	Focusable & lockable Wide field 10x/20mm paired eye-pieces with eye guards, Diopter adjustment + -5, having multi-layer anti-reflection and anti-fungal coatings
Nosepiece	Reversed revolving quadruple nosepiece (Ball bearing type) with click stops, optional: Quintuple nose-piece
Mechanical stage	Double plate stage (ball bearing type) size 140 x 140 mm, X/Y travel range 80mm x 70mm. Built in Low drive right hand Coaxial movement controls, graduated scale and vernier's scale reading 0.1mm. Hard coated surface for scratch resistance. Double specimen stainless steel slide holder.
Objectives	iOX series PLAN color Corrected Achromatic objectives 4x/NA 0.10 (WD 15.9mm), 10x/NA 0.25(WD 17.4mm), 40x/NA 0.65 (SL) (WD 0.5mm) and 100x/NA 1.25 (SL, oil) (WD 0.15) with multi-layer Anti-fungal and anti-reflection coating.
Condenser	Sub stage abbe condenser NA 1.25 with aspheric lens. Iris diaphragm with snap in frosted Day and Light filters (white/Blue filter). Slot for contrast slides available. Rack and pinion movements on stainless steel guides with multi-layer Anti-fungal and anti-reflection coating.
Focusing	Coaxial coarse and fine focusing on gear system for smooth operation. Fine adjustment scale value 0.002mm with maximum 2-micron scale increment and vertical stroke movement on Z-axis 25mm with tension control ring.
Illumination	Advanced <i>i</i> LED 3W LED illumination with variable intensity illumination control. Up to 100,000 hours of LED life. Optional battery pack arrangement with backup of 6-8 Hrs.
Electronics	Universal input 110V-240V,50/60 Hz with removable power cord. SMPS circuit for flicker free illumination.
Package Contents	Power Cable (5ft), Dust Cover, Cleaning Cloth, Operation Manual, Immersion Oil, Lens Cleaning Solution, ϕ 2mm Allen key, duly packed in export worthy molded Styrofoam box
Certifications	ISO 9001:2015, ISO 13485:2016, European CE (Notified body no: 1354), Us FDA, WHO-GMP & GEM
Warranty	2 years
Ambient Conditions	Operating Conditions for microscope are 0 deg to 60 deg. Temperature.
Optional	Phase contrast, Dark Field, Polarizing Attachment, Fluorescent Attachment, IOX series DIN Plan objectives 20X,60X(SL), WF 15X, WF 20X, Pointers and Micrometer attachment, Digital USB2.0 camera, USB 3.0 Camera, HDMI 720p, 1080p, 4K cameras, DSLR cameras with adaptor, Illumination system Halogen6V,20W

