



iOX 700 Bino



MICROSCOPE SPECIFICATION

Optical System	High Contrast Finite Plan Color Corrected Optical System.
Stand	Ergonomically designed single mold sturdy stand with antirust material. Extended base with hand rest for enhanced comfort and stability.
Magnification	40x to 1000x visual magnification.
Viewing Head	360 rotatable 30 Sliding Binocular Head
Eyepieces	Wide field 10x/18mm eye-pieces with anti-reflection & anti-fungal coatings. Optional 10X/20mm.
Nosepiece:	Inward revolving quadruple nosepiece (Ball bearing type) with click stops. Optional Quintuple.
Mechanical stage	Double plate Rack less stage size 190 x 140mm, X/Y travel range 75mm x 50mm. Low drive right hand movement controls. Ceramic coated surface for scratch resistance. Double specimen stainless steel clip.
Objectives	iOX series Semi Plan Achromatic objectives 4x, 10x, 40x (spring loaded), 100x (spring loaded, oil). Antifungal, antireflection and hard coated.
Condenser	Sub stage Abbe condenser NA 1.25 with aspheric lens. Iris diaphragm with frosted white/Blue filter. Antifungal and antireflection coated. Rack and pinion movements on stainless steel guides.
Focusing	Coaxial coarse and fine focusing on gear system for smooth operation. Fine adjustment scale value 0.002mm.
Illumination	Koehler Q-LED 3.5W 3V LED illumination with variable illumination control. Up to 100,000 hours of LED life. High brightness Koehler illumination.
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 and Styrofoam Casing.
Optional accessories	Mono/Trino head,IOX series DIN Plan objectives 20X,60X(SL),WF 15X,WF 20X,Pointers and Micrometer Reticule, Phase Contrast, Polarising, Fluorescence and Dark Field Attachments, Digital USB cameras (1.3MP, 3MP,5MP and 14MP) with inbuilt adaptors, DSLR cameras with adaptor, Illumination system Halogen 6V,20W.
Certifications	ISO 9001:2015, ISO 13485:2016, European CE , IEC 61010-1, IEC 60601-1:2005,Us FDA, GEM
Warranty	2 years



i7 Opto Electronics Inc.

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