



iOX series

Laboratory Microscope



iconic 88

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A new evolution in research microscopy needs, helping make your next big discovery possible.

MICROSCOPE SPECIFICATION

Stand	Ergonomically designed Aluminum Die cast single mold body with powder coated finish, sturdy stand with window in the arm. Extended base with hand rest for enhanced comfort and stability.
Magnification	40x to 1000x visual magnification.
Viewing Head	360 deg compensation rotatable at 30 deg. Inclined Siedentopf Binocular or Trinocular Head with IPD 50-75mm with Properties of anti-reflection, anti-fungal and anti-bacterial coatings.
Eyepieces	Focusable Wide field 10x/20mm paired eye-pieces with eye guards, Diopter adjustment ± 5 , with Properties of anti-reflection, anti-fungal and anti-bacterial coatings.
Nosepiece	Revolving Reverse angle quadruple nosepiece (Ball bearing type) with click stops, rubber gripping for easy rotation mounted on precision ball bearing mechanism for smooth and accurate position, dirt resistance design.
Mechanical stage	Double plate Mechanical stage size 140 x 140 mm, X/Y travel range 90mm x 65mm. Built in Low drive right hand Coaxial movement controls, graduated scale and vernier's scale reading 0.1mm, adjustable upper limit stopper. Hard coated surface for scratch resistance. Double specimen stainless steel clip.
Objectives	iOX series DIN Plan Achromatic objectives 4x/NA 0.10, 10x/NA 0.25, 40x/NA 0.65 (SL) and 100x/NA 1.25 (SL, oil) with Properties of anti-reflection, anti-fungal and anti-bacterial coatings.
Condenser	Sub stage abbe condenser NA 1.25 with aspheric lens. Iris diaphragm with snap in frosted Day Light filters (white/Blue filter). 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 with maximum 2-micron scale increment and vertical stroke movement on Z-axis 25mm with tension control ring.
Illumination	Halogen Light Source 6V-12W or long lasting 3W LED illumination with variable illumination control. Up to 2000 hours of halogen lamp life and 1,00,000 hours of LED life.
Electronics	Universal input 100-240V,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, Immersion Oil, Lens Cleaning Solution, ϕ 2mm Allen screw driver.
Certifications	ISO 9001:2015, ISO 13485:2016, European CE, US FDA, GEM, WHO-GMP.
Warranty	2 years
Optional	Quintuple nosepiece, Phase contrast, Dark Field, Polarizing Attachment, Fluorescent Attachment, IOX series DIN Plan objectives 20x, 60x(SL), WF 15x, WF 20x, Pointers and Micrometer Reticule, Digital USB/HDMI/4K Cameras, DSLR cameras with adaptor.

