

**RAYSCOPE**

*RYS series*

LABORATORY MICROSCOPE



*Iconic 55*

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

## MICROSCOPE SPECIFICATION

<b>Stand</b>	Single mold Aluminum stand with hand rests for enhanced comfort and stability.
<b>Viewing Body</b>	Sliding Type Binocular or Trinocular head, 30° inclined, 360° rotatable, Interpupillary distance 50 - 75mm with dual dioptic adjustment.
<b>Eyepieces</b>	iWF 10x/18mm eye-pieces with anti-reflection & anti-fungal coatings.
<b>Nosepiece</b>	Reverse angle quadruple nosepiece (Ball bearing type) with click stops and rubber grip.
<b>Objectives</b>	i series DIN Semi Plan Achromatic objectives 4x, 10x, 40x (spring loaded), 100x (spring loaded, oil). Antifungal and antireflection coated.
<b>Mechanical stage</b>	Graduated Rack less X axis, double plate stage size 190 x 140mm, X/Y travel range 75mm x 50mm. Low drive right hand movement controls. Hard coated surface for scratch resistance.
<b>Condenser</b>	Sub stage Abbe condenser NA 1.25 with aspheric lens. Iris diaphragm with blue/Frosted White day light filter. Condenser motion operates on ball bearings drive systems for smooth operation. Aperture diaphragm is marked with objective magnification for convenient and optimum use. Filter is placed on the slider cassette mechanism for proper alignment.
<b>Focusing</b>	Coaxial coarse and fine focusing on ball drive system for smooth operation.
<b>Illumination</b>	3W LED Koehler illumination with variable illumination control. Optional - Battery backup arrangement on Lithium-ion batteries with minimum working of 6 hours
<b>Electronics</b>	Universal input 100V- 240V AC, 50/60Hz, built-in voltage stabilizer.
<b>Accessories (Optional)</b>	Pointers & Micrometer Reticules, Phase, Polarizing, Fluorescence and Dark Field Kits, Quintuple Nosepiece, Auxiliary Objectives and Eyepieces, Digital Cameras and Adapters.
<b>Package Contents</b>	Power Cable (5ft), Immersion Oil, Cord Hanger Kit, Kohler Kit, Nylon Dust Cover & Cleaning Cloth, Styrofoam Casing.
<b>Certifications</b>	ISO 9001:2015, ISO 13485:2016, European CE ,IEC 61010-1,IEC 60601-1:2005,Us FDA, GEM

