



PQR-500 IM

Trinocular Petrological Microscope

Optical System: High Contrast Infinity Corrected.

Stand: Aluminum Die-cast Stand (Anti-Rust) Body.

Viewing Head: Trinocular Inclined at 30° Inclined 360° Rotatable, IPD 48-75mm With Diopter Adjustment.

Eye Guards: Adjustable Rubber Eye Guards For Comfortable Viewing.

Eyepieces: Wide Field 10x, F.O.V 22mm, Antifungal & Anti-reflection Coated.

Intermediate tube : With Built in focusable bertrand lens removal from optical path.

Nosepiece: Inward, Quadruple/Quintuple Revolving Nosepiece With Click Stops and Centrable Mechanism And Rubber Grip.

Objectives: Infinity Corrected objectives 5X (N.A. 0.15), 10X (N.A. 0.30), 20X (N.A. 0.45), 50X (N.A. 0.80) 2X, 100X(Optional)

Magnification Range: 50X to 500X.

Mechanical Stage: Graduated Circular Stage Size 160mm DIA.

Focusing: Co-axial Coarse And, Fine Adjustment 0.2mm/Rotation.

Condenser: Moveable Abbe Condenser, N.A 1.25 With Aspheric Lens with rack and pinion movement, Centring Device.

illumination: 3W LED Light (Up To 100,000 Working hours) with Intensity Controller And Separate attachment for Reflected Light.

Filter: Blue, Green & Yellow.

Observation: Bright Field / Analyser Polarizer.

Power: Universal Power Supply 110v-240v Integrated With Voltage Flux Stabilizer.

Packaging: Inner Thermocol / Styrofoam Packing And Outer Cardboard Box.

