



# QX-4RT

## Upright Metallurgical Microscope

**Optical System:** Infinite Optical System.

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

**Viewing Head:** Sidentopf Trinocular Tilting Head 0°–35° Inclined 360° Rotatable, IPD 47–78mm With Diopter Adjustment.

**Eye Guards:** Adjustable Rubber Eye Guards For Comfortable Viewing.

**Eyepiece:** Wide Field 10x, F.O.V 22mm, Crosshair Reticule (0.1mm), Diopter Adjustment On Both Eyepieces.

**Nosepiece:** Quintuple Revolving Nosepiece With Click Stops Mechanism And Rubber Grip.

**Objectives:** Infinity Plan 5X (N.A. 0.15), 10X (N.A. 0.30), 20X (N.A. 0.45), 50X (N.A. 0.80), 100X (N.A. 0.90) suitable for DIC observation.

**Magnification Range:** 50X to 1000X.

**Mechanical Stage:** Coated Double Plate Graduated Stage Size 190mm X 240mm, X/Y Travel 75mm X 50mm. Reckless Stage, Scratch-resistant, Double Specimen Holder Clips.

**Focusing:** Co-axial Coarse And Fine Focus, Adjustable Tension, Fine Focus 0.2mm/rev.

**Polarizing:** Polarizing And Analyser Slide In/out Of Optical Path.

**Illumination:** 15w LED Reflected Illumination With Dimmer, Reflected light source 5W LED with filters.

**Diaphragms:** Adjustable Aperture And Field Diaphragms (centerable).

**Observations:** Bright field , Analyser / Polarizer, DIC ( Differential Interference Contrast).

**Filter:** Blue, Green & Yellow, ND 50 Neutral Density.

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

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



**Manual**

### Results

