

# Lx500 Series Laboratory Compound Microscope

LX 500  
BINOCULAR



9144200

**Optical System:** MAXlite™ coated Antifungal Infinity corrected optical system

**Stand:** Single mold sturdy stand with anti-rust materials. Extended base for better stability

**Viewing Body:** Siedentopf Binocular, 30°, IPD 48-75 mm with height adjustment

**Eyepieces:** Wide Field eyepieces WF 10x/22mm paired with focusable eyeguards, antifungal MAXlite™ coatings

**Nosepiece:** Quintuple Reverse angle nosepiece (ball-bearing type), with click stops and rubber grip

**Objectives:** RP2 series DIN Infinity Corrected Plan Achromatic objectives, antifungal coatings, MAXlite™ coatings

4x/NA 0.10/WF 30.0mm

10x/NA 0.25/WF 7.0mm

40x (spring loaded)/NA 0.65/WF 0.65mm

100x (spring loaded, oil)/NA 1.25/WF 0.23mm

**Mechanical Stage:** RACKLESS X axis Ceramic coated double plate mechanical stage, size 200 x 160mm, X/Y travel range 76x50mm. Detachable double slide holder. All brass gears.

**Condenser:** Flip top sub-stage center-able Abbe condenser NA 1.25 with aspheric lens and Iris diaphragm. Rack and pinion movements on stainless steel guides. Day light blue filter provided dia 32.0mm, Koehler mounted

**Focusing:** Feather touch self compensating tension adjustment co-axial coarse and fine focusing for ultra smooth movement. Weighted fine focus.

**Illumination:** Koehler Illumination system 6V-30W Halogen with variable illumination control. Up to 500 hours of Halogen bulb life.

**Electrical:** Universal power supply (110V-240V, 50/60 Hz) UL, CE approved.

Packed in styrofoam box, with operation manual, allen wrench, Nylon dust cover, soft cleaning cloth, power cord, spare fuse and 10ml immersion oil TYPE A.

9144300

Same as P/N 9144200 but with 30° inclined Trinocular head

9144400

Same as P/N 9144200 Binocular but with Phase 10x,20x,40x (spring), 100x (spring, oil) objectives and Zernike phase kit

9144500

Same as P/N 9144300 Trinocular but with Phase 10x,20x,40x (spring), 100x (spring, oil) objectives and Zernike phase kit

9144600

Same as P/N 9144200 but LED Illumination with built-in rechargeable battery for cordless operation. LED lamp life is up to 100,000 hours, one LED installed. 10ml immersion oil TYPE A included.

9144700

Same as P/N 9144300 but LED Illumination with built-in rechargeable battery for cordless operation. LED lamp life is up to 100,000 hours, one LED installed. 10ml immersion oil TYPE A included.

9144300

Same as P/N 9144200 but with 30° inclined Trinocular head



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