

Lx400 Series Student/Laboratory Compound Microscope

LX 400



Binocular



Trinocular



Digital 3MP Cam



Digital 5MP Cam



Fluorescence

9126001

Optical System: Antifungal Infinity corrected optical system

Stand: Single mold sturdy stand with anti-rust materials. Extended base with hand rests for enhanced stability and comfort

Viewing Body: Siedentopf Binocular tube, 30° inclined, 360° CAPTIVE ROTATION, Interpupillary distance 48-75mm

Eyepieces: Wide Field focusable paired eyepieces WF 10x/20mm, with eyeguard, antifungal coatings

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

Objectives: RP series DIN Infinity Corrected Plan Achromatic objectives, antifungal 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, double plate mechanical stage plate size 200 x 140mm, X/Y travel range 78 x 54mm. Low drive movement controls. Hard coated surface for scratch resistance. Detachable double slide holder. All brass gears.

Condenser: Sub-stage Abbe condenser NA 1.25 with aspheric lens. Iris diaphragm with snap-in blue filter. Rack and pinion movements on metal guides.

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

Illumination: Halogen 6V-20W illumination with variable illumination control. Up to 2,000 hours of Halogen bulb life.

Electrical: Universal input 100V-240V AC, 50/60 Hz

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

9126003

Same as P/N 9126001 but with Halogen 6V-30W. Up to 500 hours of Halogen bulb life, one installed bulb.

Lx400 Series Student/Laboratory Compound Microscope

- 9126011** Same as P/N 9126001 but LED Illumination with built-in rechargeable battery for cordless operation. LED lamp life is up to 100,000 hours, one LED installed.
- 9126002** Same as 9126001 but with Siedentopf Trinocular tube, 30° inclined, 360° CAPTIVE ROTATION, Interpupillary distance 48-75mm
- 9126004** Same as P/N 9126002 but with Halogen 6V-30W with one installed bulb. Up to 500 hours of Halogen bulb life.
- 9126012** Same as P/N 9126002 but LED Illumination with built-in rechargeable battery for cordless operation. LED lamp life is up to 100,000 hours.
- 9126005** Same as 9126003 but with RP series DIN Infinity Corrected **Phase Plan Achromatic** objectives antifungal coatings
- 9126006** Same as P/N 9126005 but with Trinocular observation head
- 9126009** Same as P/N 9126002 but with **EPI Fluorescent Attachment:**
- Epi-illumination is through a 50 Watt High pressure Mercury Bulb in a Bulb House attached to the Fluorescence Filter Block. **With UV Protection Screen**
- B-Excitation Block:**
Excitation: 450-490nm
Barrier: 515nm
Dichroic: 500nm
- G-Excitation Block:**
Excitation: 510-550nm
Barrier: 590nm
Dichroic: 570nm
- 9126010** Same as P/N 9126009 but with Trinocular Viewing head

Note: Configurations with halogen 30W or LED illumination do not include spare bulbs.