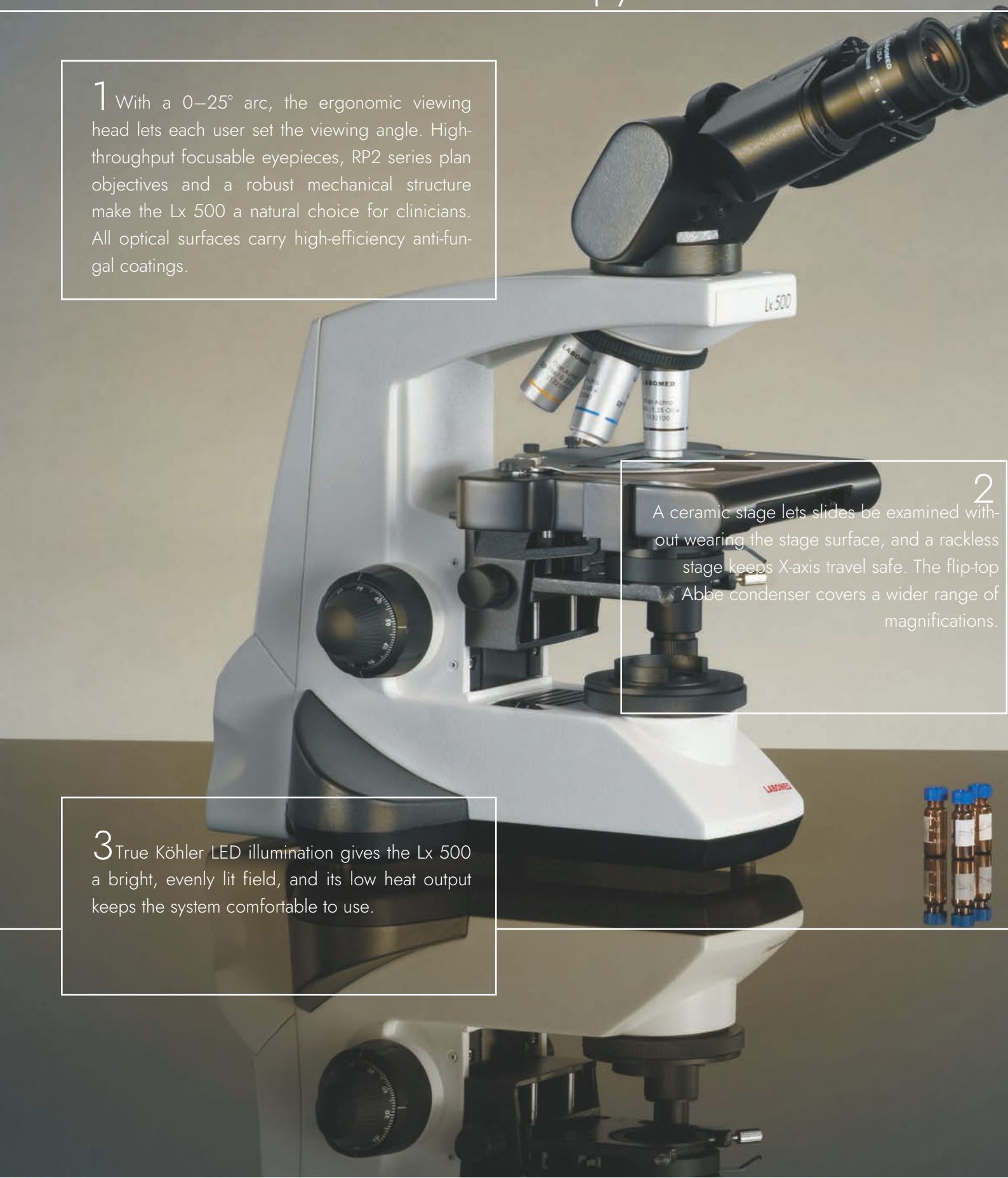
Lx 500

Research Microscopy



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The New Face of Lab Microscopy



1 With a 0–25° arc, the ergonomic viewing head lets each user set the viewing angle. High-throughput focusable eyepieces, RP2 series plan objectives and a robust mechanical structure make the Lx 500 a natural choice for clinicians. All optical surfaces carry high-efficiency anti-fungal coatings.

2 A ceramic stage lets slides be examined without wearing the stage surface, and a rackless stage keeps X-axis travel safe. The flip-top Abbe condenser covers a wider range of magnifications.

3 True Köhler LED illumination gives the Lx 500 a bright, evenly lit field, and its low heat output keeps the system comfortable to use.

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Lx 500

Quality should come with economy. That principle guided every critical step in the design of the Lx 500. With its balanced symmetry and highly ergonomic features, it is built for researchers who know that affordability and reliability can go together.

The Lx 500 brings together world-class technology and innovative design. With a feature-rich configuration and a wide range of accessories, it is a versatile, fully expandable research microscopy system.

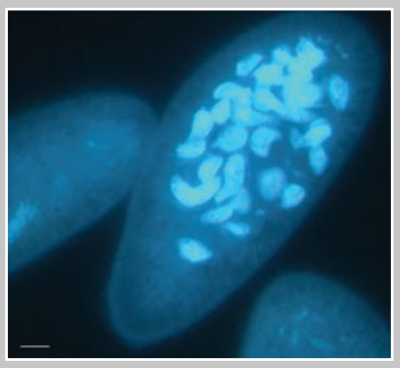
The Lx 500 is where economy meets first class.

All contact surfaces are treated with antimicrobial agents to inhibit bacterial growth at points of contact.









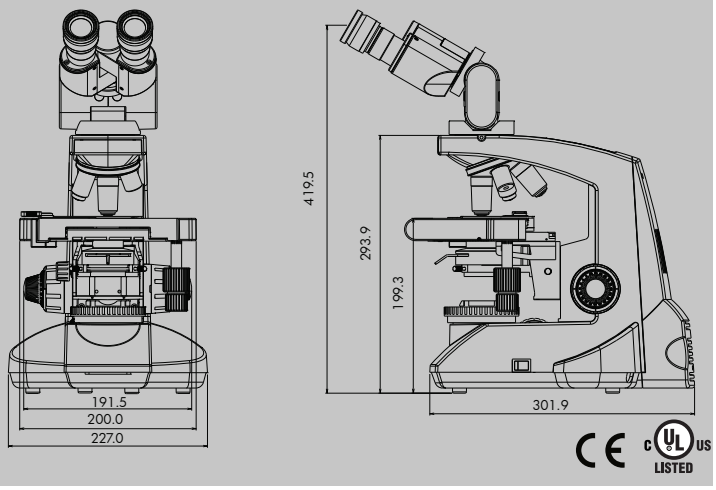


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Lx 500 Research Microscope

Item	Specifications
Stand	Single-mold, sturdy stand of rust-resistant materials; extended base for greater stability
Viewing head	Siedentopf binocular or trinocular head, 30° inclined, or ergonomic 0–25° tilting binocular head; 360° rotatable; IPD 47–75 mm
Eyepieces	Focusable wide-field 10x/22 mm eyepieces with foldable eyecups
Nosepiece	Reverse-angle quintuple nosepiece (ball-bearing type) with click stops and rubber grip
Objectives	RP series infinity-corrected DIN plan achromatic objectives: 4x (WD 30.0 mm), 10x (WD 5.00 mm), 40x (WD 0.65 mm, spring-loaded), 100x (WD 0.15 mm, spring-loaded, oil)
Mechanical stage	Rackless X-axis ceramic double-plate stage, 200 × 140 mm, X/Y travel 76 × 50 mm; double specimen holder
Condenser	Flip-top Abbe condenser NA 1.25; iris diaphragm with blue daylight filter; rack-and-pinion movement on stainless steel guides
Focusing	Coaxial coarse and fine focusing on gear systems; fine adjustment 0.3 mm per rotation
Illumination	Full Köhler illumination with LED (built-in rechargeable battery) and variable intensity control; LED life up to 50,000 hours
Electrical	Universal input 100–240 V AC, 50/60 Hz; built-in voltage stabilizer
Optional accessories	Zernike phase contrast kit with 10x/20x/40x/100x RP series phase plan achromatic objectives; dark field kit; simple polarizer/analyzer; fluorescence attachment; dual-view attachment; video adapter

Dimensions (Units: mm)



Description	Configuration	Catalog No.
Siedentopf 30°		
Standard, LED	Binocular	9144210
Standard, LED	Trinocular	9144310
Ergonomic 0°–25° tilting		
Standard, LED	Binocular	9144110

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