

① Lx 500 binocular research microscope

The Lx 500 Microscope with 25° inclined ERGO-HEAD allows for fatigue-free operation. The Lx 500 is the first choice for every microscope user thanks to its focusable oculars with colour compensation, Super Plan achromatic objectives, and its sturdy mechanical structure. The ceramic plate stage is unsuceptible to traces of use. All surfaces are treated with a highly efficient anti-fungus coat. With the hot stage (available as an option), microscoping is possible from -196 to 1,500°C.

Technical data:

Optical system:	Transmitted light, anti-fungus coating, infinitely corrected
Eyeieces:	Wide field eyeieces WF 10/22 mm, focusable, anti-fungus coating
Nosepiece:	Quintuple with click stops
Objectives:	RP series Infinity Corrected DIN Plan achromatic objectives, 4x, 10x, 40x, 100x
Mechanical stage:	Rackless X-axis ceramic double-plate stage, coated, plate size 200 × 160 mm, X/Y travel range 76 mm × 40 mm, with specimen holder
Condenser:	Abbe condenser N.A. 1.25. Iris diaphragm with blue daylight filter. Köhler connection
Illumination:	Köhler illumination 6 V, 30 W halogen lamp
Mains connection:	110 – 240 V / 50/60 Hz
Scope of delivery:	With operating instructions, socket wrench, dust protection hood, cable, and spare fuse

Article	Order No.
Lx 500 binocular research microscope	10 20 10140



② TCM400 inverted trinocular microscope

The TCM is an inverted microscope intended for research and in particular bio-science. The (optional) trinocular tube makes it perfect for research and teaching purposes. Wide selection of accessories (hot stage, phase contrast, fluorescence device available as options).

Technical data:

Optical system:	Infinity corrected optical system, anti fungus coating
Viewing bodies:	Trinocular, 30° inclined, 360° rotatable, inter-pupillary distance adjustable, 3rd tube for video/photo optionally available as accessory
Eyeieces:	Wide Field eyeiece 10x/22mm
Nosepiece:	Quadruple with ball bearing
Objectives:	LW series Infinity corrected, True Color, Infinity corrected Phase Plan Achromatic objectives, 4x, 10x, 20x
Mechanical stage:	Fixed stage 160 × 240 mm
Condenser:	NA 0.30, suitable for phase contrast/BF with phase contrast slider

Specimen holder + 35 mm Petri dish holder and 2 dish specimen holders

Illumination: Transmitted illumination 6 V/30 W halogen with intensity control

Mains voltage: 110 – 240 V, UL and CE approved

Scope of delivery: With operating instructions, socket wrench, dust protection hood, cable, and spare fuse

Article	Order No.
TCM400 inverted trinocular microscope	10 20 10141



③ Lx 400 trinocular microscope for research and laboratory

The Lx 400 is designed for simple as well as complex laboratory tasks. The high-quality optical and mechanical components guarantee brilliant, high-contrast images. The trinocular head is offered as an option. The range of accessories comprises a third tube and a video and photo adapter.

Technical data:

Optical system:	Infinitely corrected optical system, anti-fungus coating
Viewing body:	Siedentopf trinocular, 30° inclined. Trinocular tube available as an option, third tube, video or photo adapter available as accessories.
Diopter adjustment:	± 6 diopters
Eyeieces:	Focusable widefield eyeiece 10x/20 mm, with foldable eye guard
Nosepieces:	Quadruple nosepiece with ball bearing, with click stops
Objectives:	RP series DIN Plan achromatic objectives; infinitely corrected, 4x/0.10, 10x/0.25, 40x/0.65, (spring-loaded specimen protection), 100x (spring-loaded specimen protection; oil immersion)
Mechanical stage:	Adjustable rackless X axis stage, 200 × 160 mm, with specimen holder, with scratch-resistant coating, adjustment range X = 78, Y = 54 mm
Condensor:	Aspheric, height-adjustable Abbe condensor N.A. 1.25 mit iris diaphragm, blue daylight filter and aperture for slide
Illumination:	LED with rechargeable battery, for wireless operation!
Mains connection:	110 – 240 V, 50/60 Hz
Scope of delivery:	With operating instructions, socket wrench, dust protection hood, cable, and spare fuse

Article	Order No.
Lx 400 trinocular microscope	10 20 10142

