

From Eye to Insight

Leica
MICROSYSTEMS

Operating Microscope with Table Stand for Ophthalmology

HIGH-PERFORMANCE TRAINING MICROSCOPE

M620 TTS



High-performance Training Microscope



High-caliber teaching equipment is a fundamental prerequisite for the best learning environment. Using a high-quality microscope under the supervision of a qualified specialist is one of the keys to successful advanced education and practice.

High Performance

The new Leica M620 TTS (table top stand) microscope meets the needs of surgical trainees as well as trainers. The Leica M620 TTS microscope system offers brilliant resolution, a large depth of field with outstanding stereopsis, and natural color reproduction on a convenient table top stand.



Leica's high-quality M620 optics are combined with the TTS table stand to save both space and cost, and provide the same high-performance optical benefits of the Leica M620 F18 floor stand microscope. A separate prism for optimum Red Reflex, which can be enhanced with a special diaphragm, completes the Leica M620 optical system. The Leica M620 TTS offers many solutions for co-viewing, as well as photo and video documentation.

Convenience and Comfort

The Leica M620 TTS allows intuitive, correct positioning of the microscope relative to the specimen. The user-friendly operation of the illumination, motorized focus and zoom via a footswitch leaves the hands free for working with specimens. Individual microscope settings can be saved and recalled in a matter of seconds.



Leica M620 TTS Specifications

Microscope

Magnification changer	6:1 zoom, motorized, adjustable speed
Focusing	Motorized, 50mm, adjustable speed, automatic reset
Objective	Leica WD = 175mm, 200mm APO, Leica f = 175mm, 200mm and 225mm
Eyepieces	Widefield eyepieces for those wearing glasses 8.33x, 10x and 12.5x, Diopter adjustment +/- 5 with adjustable eyecup
Illumination	Homogenous, coaxial illumination. Integrated Red Reflex illumination, Light intensity adjustable via control unit and/or footswitch. Jalousie for continuous, situation-dependent reduction of ambient illumination via sterile controls. Quick-change lamp mount with 2 halogen lamps, 12V/50W filter changer with UV projective filter. 2 free openings for selectable filters dia 32mm
Inclining mechanism	+/- 5° manual fine adjustment, sterile operation
Control unit	Multifunctional display for brightness, magnification, reset and user selection adjusting the speed of drives, individual user programming
Hand/footswitch	6-function footswitch with longitudinal or lateral pedals. Optional: 12-function handswitch

Accessories

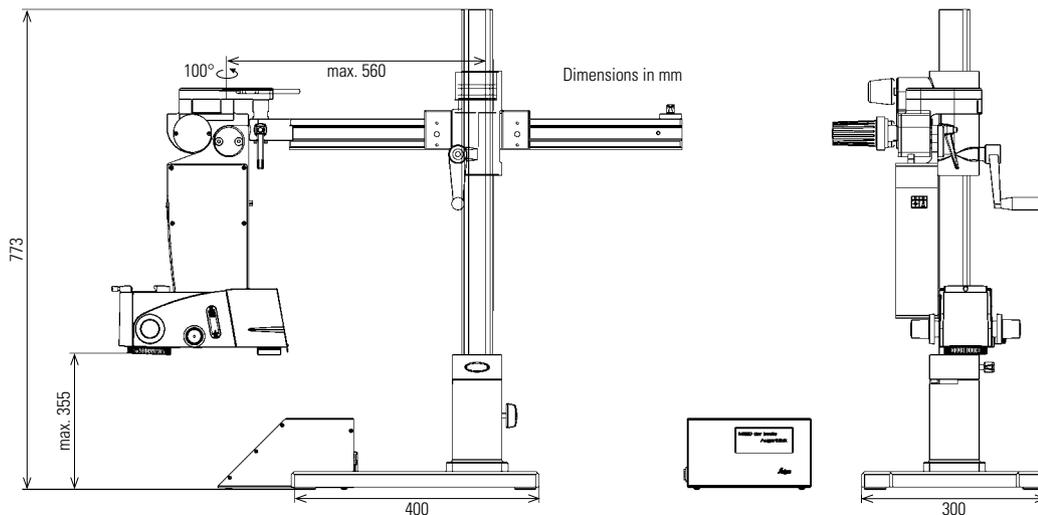
Assistant's attachment	Stereo co-viewer, Monocular co-viewer
Beam splitter	50% / 50%, 70% / 30%
TV/photo	Leica 2D video system, Leica Zoom Video Adapter f = 35-100mm Photo/TV dual attachment f = 60/85/107mm for TV, f = 250/350mm for 35-mm camera TV attachment f = 107mm, Photo attachment f = 250/350mm
Asepsis	Sterilizable components for all controls

Electrical data

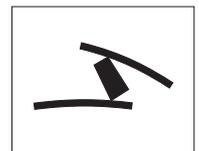
Supply	100-240 VAC (+/- 10%), 50/60 Hz, 250 VA
Protection class	Class 1
Safety type	Type B

Stand

Type	Table stand TTS
Maximum load	5.4kg accessories on the microscope
Base dimension	400 x 300mm
up/down range	320mm
Maximum reach	560mm
Minimum transport height	773mm
Total weight with accessories approx.	49kg



Winner 2005



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M620 TTS is a class I medical device.

Not all products or services are approved or offered in every market. Approved labeling and instructions may vary between countries. Please contact your local Leica representative for details.

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