



Leica M620 TTS

High-performance Training Microscope

Leica
MICROSYSTEMS

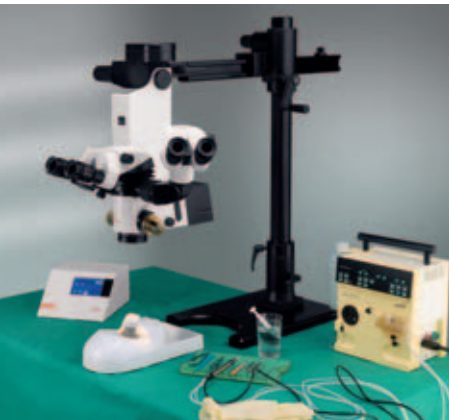
High-performance Training Microscope



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

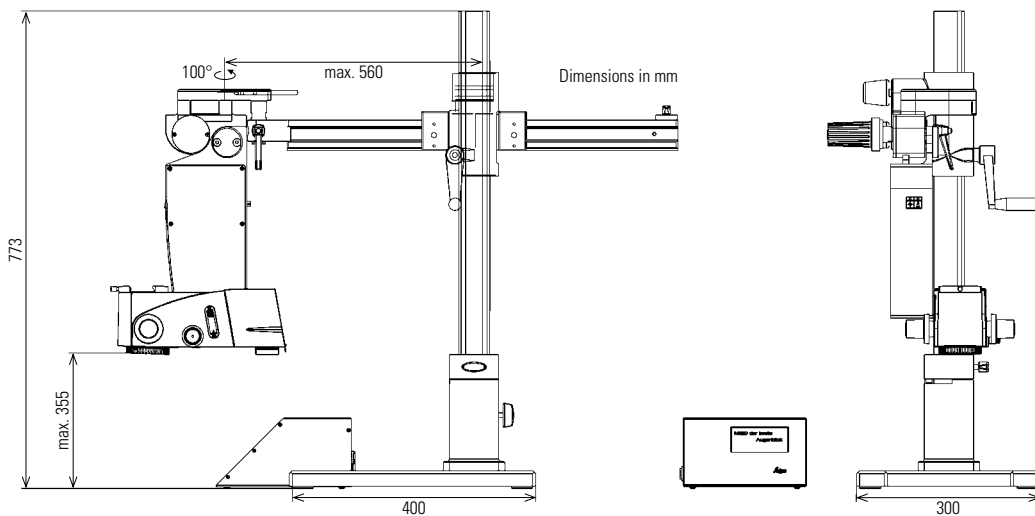
The Leica M620 TTS allows intuitive, correct positioning of the microscope relative to the specimen. The user-friendly operation of the illumination, motorized focus and zoom via a footswitch leaves the hands free for working with specimens. Individual microscope settings can be saved and recalled in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



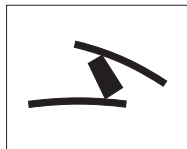
Leica M620 TTS Specifications

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
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

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
Conformity CE	<ul style="list-style-type: none"> • Medical devices directive 93/42/EEC Classification: Class I, in compliance with appendix IX, rule 1, with reference to rules 10 and 12 of the directive. • Medical electrical equipment, Part 1: General requirements for safety IEC 60601-1; EN 60601-1; UL60601-1; CAN/CSA-C22.2 NO. 601.1-M90 • Electromagnetic compatibility IEC 60601-1-2; EN 60601-1-2 <p>The Business Unit SOM, within Leica Microsystems (Schweiz) AG, has the management system certificate for the international standards ISO 9001:2000 / ISO 13485:2003 and ISO 14001:2004 relating to quality management, quality assurance and environmental management.</p>



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