



Leica M651 MSD

Surgical microscope on table stand
for practising microsurgery and
for experimentation

Learn fresh operating techniques

Perfect existing ones

Explore new avenues



The ever-growing number of participants at microsurgical courses demonstrates how interest in innovative operational techniques is constantly on the increase. In attempting to obtain maximum functionality from human organs, the specialist must penetrate the domain of microsurgery. It needs a certain magnification to recognize and distinguish the structures responsible for the various functions and to manipulate them as the operation requires.



1 Leica M651 surgical microscope with beam splitter, phototube and Leica camera

2 Leica M651 surgical microscope with beam splitter, cine/TV tube and TV camera

Expertise and success reflect training and experience.

Without adequate instruction, it is hardly possible to make full use of technical opportunities offered by the surgical microscope.

Only a properly-prepared, appropriately-trained surgeon is in position to use the instrument as an ancillary tool and to routinely translate its technical features into benefits for the patient.

Microsurgery requires not only a thorough knowledge of the speciality, but also a mastery of manual techniques and full familiarity with the routine use of the microscope. Taking costs and space considerations into account, the best training instrument is a table model equipped with the same optics and accessories as the standard surgical microscope.

A crisp and brilliant image, and ergonomic viewing and sitting conditions, are extremely important when the surgeon is learning to use the microscopical image as an operating tool.

Take up the challenge!



Effective microsurgical training
– the step into the future



Outstanding image quality motivates you to learn the skills you need

The Leica M651 is renowned for its clear, outstandingly-sharp images, its great depth of field, its pronounced 3D effect, its high light intensity and its faithful colour rendering.

These are all ideal conditions for becoming used to adapting hand movements to the new, unfamiliar image as seen down the microscope, differentiating between minuscule features, and learning to use the finest surgical thread available.

Fatigue-free viewing height- tens the ability to concentrate

The compact, ergonomic design of the Leica M651, and the use of the binocular tube with low viewing height, together provide the relaxed viewing position required. A binocular tube with viewing angle variable from 0°–180° is also available.

Leica M651 – the surgical microscope for courses

The table model of the well-know Leica M651 is ideal for trying out new techniques, and is suitable both for the beginner to microsurgery and for experts who are on refresher courses. The outfit is uncomplicated and is competitively priced.

Dual-station viewing promotes mutual understanding

It is particularly important for the course leader to be able to instruct each participant individually and to carry out practical demonstrations. The Leica M651 can of course be equipped with the usual accessories for dual-station viewing, photography and video.



Leica Microsystems – the brand for outstanding products

Leica Microsystems' Mission is to be the world's first-choice provider of innovative solutions to our customers' needs for vision, measurement, lithography and analysis of microstructures.

Leica, the leading brand for microscopes and scientific instruments, has developed from five brand names, all with a long tradition: Wild, Leitz, Reichert, Jung and Cambridge Instruments. Leica symbolizes not only tradition, but also innovation.

Leica Microsystems – an international company with a strong network of customer services

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and representatives of Leica Microsystems in more than 100 countries.

The Business Unit SOM, within Leica Microsystems Ltd, holds the management system certificates for the international standards ISO 9001 and ISO 14001 / EN 46001 relating to quality management, quality assurance and environmental management.

The companies of the Leica Microsystems Group operate internationally in five business segments, where we rank with the market leaders.

Microscopy

Our expertise in microscopy is the basis for all our solutions for visualization, measurement and analysis of microstructures in life sciences and industry.

Specimen Preparation

We specialize in supplying complete solutions for histology and cytopathology.

Imaging Systems

With confocal laser technology and image analysis systems, we provide three-dimensional viewing facilities and offer new solutions for cytogenetics, pathology and material sciences.

Medical Equipment

Innovative technologies in our surgical microscopes offer new therapeutic approaches in microsurgery. With automated instruments for ophthalmology, we enable new diagnostic methods to be applied.

Semiconductor Equipment

Our automated, leading-edge measurement and inspection systems and our E-beam lithography systems make us the first choice supplier for semiconductor manufacturers all over the world.