

Advancing Cancer Diagnostics
Improving Lives



Leica CM1520

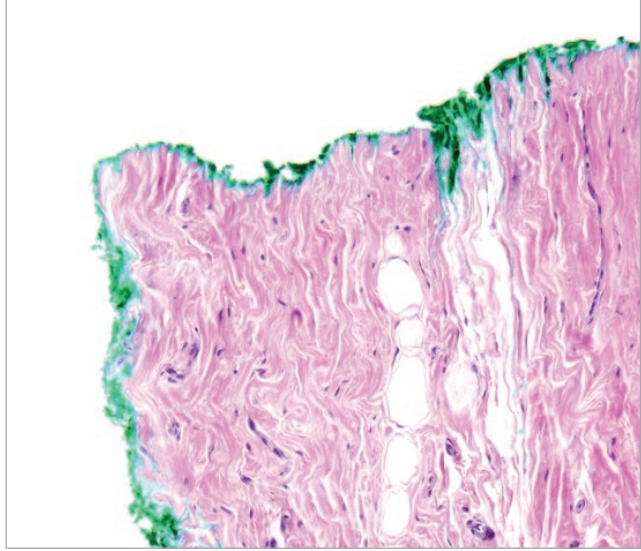
The Cryostat for Excellence
in Mohs Surgery



LEICA CM1520

Leica CM1520 – A Great Place to Work

Successful Mohs surgery depends on the skill of the surgeon and the support of accurate frozen sectioning. With the Leica CM1520, your laboratory can quickly and reliably cut the frozen sections needed to establish whether the surgical margin is free of tumor cells. Thanks to its excellent speed, quality and cost efficiency, a Leica CM1520 means minimal waiting time for your patients, maximum confidence in your diagnosis and a return on investment that allows you to profitably treat more patients.



EXCELLENT SPEED

Patient comfort during their surgery is greatly enhanced by minimizing the time between the first incision and final closure. Use of the Leica CM1520 greatly reduces this time because it quickly freezes tissue, facilitates rapid, precise specimen sectioning and is easily available for the next sample.

- Rapid specimen freezing with the flat, easy-clean freezing shelf
- Ergonomic design aids high efficiency work
- Fast turnaround between patients thanks to the easy-clean chamber

EXCELLENT QUALITY

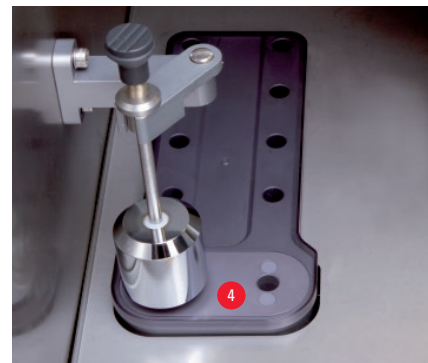
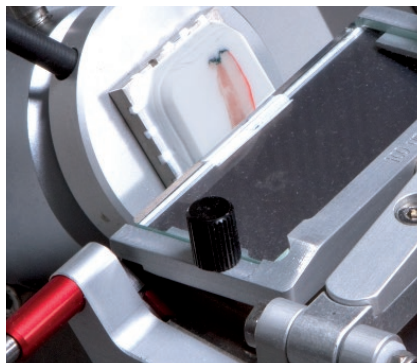
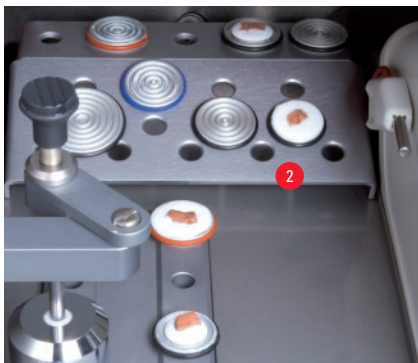
You never want to miss a cell, and you never want to excise more tissue than absolutely necessary. The Leica CM1520 aids your quest for the finest surgical procedures by delivering the precise control that lets skilled operators consistently cut high-quality sections.

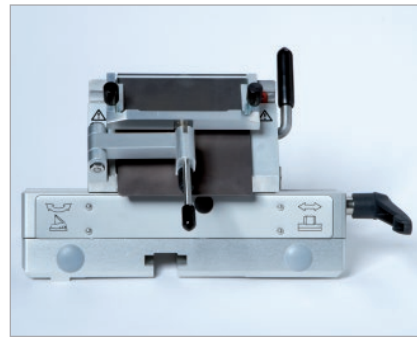
- High-precision microtome with stepper motor feed
- Accurate specimen orientation with zero-position centering
- Choice of blade holders with exceptional stability

EXCELLENT COST EFFICIENCY

Improve profitability with an instrument tailored precisely to the needs of the Mohs surgeon. The CM1520 has only the features most important to Mohs surgery and ongoing costs are easily controlled thanks to easy cleaning and reduced maintenance.

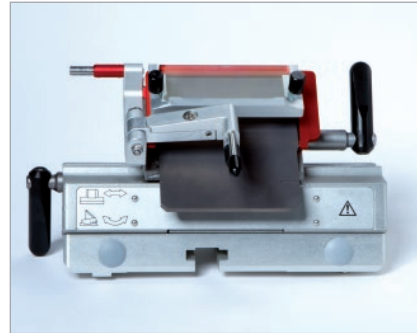
- Fully encapsulated microtome minimizes maintenance
- Removable object head for easy cleaning
- Design eliminates expensive features you may not need





- High stability
- Easy lateral adjustment
- Plastic handles prevent frost bite

Choose the Standard Blade Holder for cost effective precision.



- High stability
- Blade ejector and finger guard
- Palm rest for brush technique
- Easy lateral adjustment
- Plastic handles prevent frost bite

Choose the Premium Blade Holder for easy setup, consistency and safety. The premium blade holder makes it easy to safely insert, position and remove blades.

The ergonomic design of the CM1520 helps operators work efficiently and safely throughout the day.

- Simple, logical and easy-to-reach control buttons **1**
- Whisper-quiet operation with smooth-flow fan
- Ergonomic housing with rounded corners and spacious work and storage spaces
- New accessories including object plate holder **2**, moving shelf **3** and freezing shelf cover **4**



AgProtect efficiently reduces the propagation of infectious agents on the outside surfaces of the cryostat.



This antimicrobial nanosilver surface coating uses silver (Ag) ions for their well-documented ability to reduce bacterial growth.

TECHNICAL SPECIFICATIONS

Microtome

Section thickness adjustment	2–60 µm
Total specimen feed	25 mm
Vertical stroke	59 mm
Maximum specimen size	55 x 55 mm or 50 x 80 mm
Specimen orientation	8° (x, y, z-axis)
Electric coarse feed	Slow 600 µm/s
	Rapid 900 µm/s

Refrigeration system	50 Hz/60 Hz
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Cryochamber

Temperature range	0 °C to –30 °C (+ 3 K/– 3 K)
Cooling time down to –30 °C	max. 6 hrs., at 22 °C ambient temperature
Defrost	Automatic hot gas defrost 1 automatic defrost cycle/24 hours, time-controlled (duration 12 min.)

LEICA BIOSYSTEMS

Leica Biosystems is a global leader in workflow solutions and automation, striving to advance cancer diagnostics to improve patients' lives. Leica Biosystems provides anatomic pathology laboratories and researchers a comprehensive product range for each step in the pathology process, from sample preparation and staining to imaging and reporting. Our easy-to-use and consistently reliable offerings help improve workflow efficiency and diagnostic confidence. The company is represented in over 100 countries and is headquartered in Nussloch, Germany.

Leica Biosystems – an international company with a strong network of worldwide customer service.

North America Sales and Customer Support

North America	800 248 0123
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Asia/Pacific Sales and Customer Support

Australia	1800 625 286
China	+85 2 2564 6699
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South Korea	+82 2 3416 4500
New Zealand	0800 400 589
Singapore	+65 6779 7823

Europe Sales and Customer Support

For detailed contact information about European sales offices or distributors please visit our website.

Quick-freeze shelf

Maximum cooling	– 35 °C (+ 3 K/– 5 K)
Number of freezing stations	10
Defrost	Manual hot gas defrost, time-controlled (duration 12 min.)

Dimensions

Width (w/o handwheel)	600 mm (23.6 in)
Width (with handwheel)	730 mm (28.7 in)
Depth	730 mm (28.7 in)
Height	1140 mm (44.8 in)

Weight (incl. microtome,

without specimen cooling)	approx. 135 kg (298 lbs)
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Technical Specifications subject to change without prior notice.

Leica Biosystems brings together products, quality and support. Offering a complete solution that helps you advance workflows, enhance diagnostic clarity and deliver what really matters – better patient care.

