

C O R E H I S T O L O G Y S O L U T I O N S

LEICA CM1520

THE CRYOSTAT FOR EXCELLENCE IN MOHS SURGERY

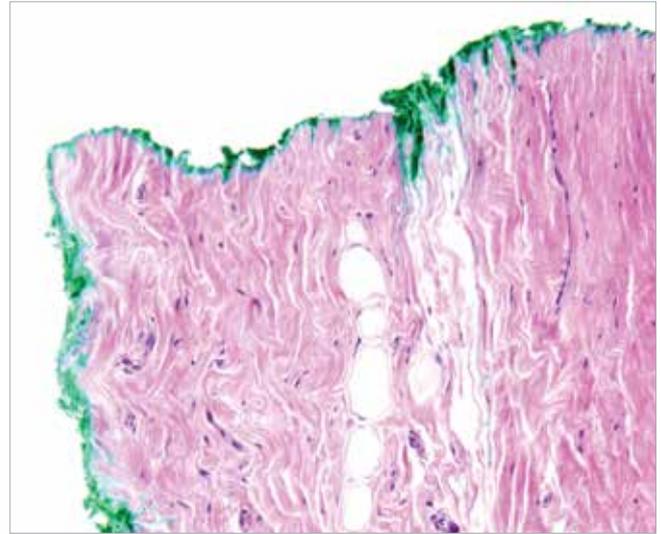


Advancing Cancer Diagnostics
Improving Lives

Leica
BIO SYSTEMS

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 speed, quality and cost efficiency, a Leica CM1520 means short waiting time for your patients, and high confidence in your diagnosis so that you can 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 made ready for the next sample.

- Rapid specimen freezing with the dedicated 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 high-stability blade holders

EXCELLENT COST EFFICIENCY

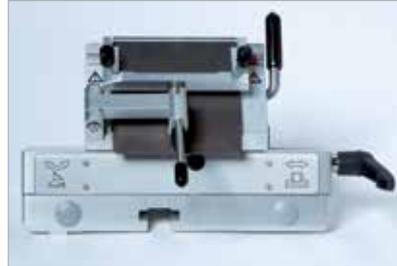
Improve profitability with an instrument tailored to the needs of the Mohs surgeon. The CM1520 has only the features most important to Mohs surgery and ongoing costs are easily controlled thanks to easy cleaning and reduced maintenance.

- Fully encapsulated microtome minimizes maintenance
- Cryochamber is sealed with silicone rubber for easy cleaning
- Design eliminates expensive features you may not need



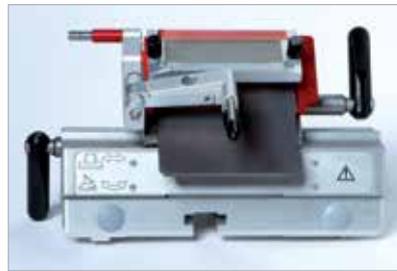


Choose the Standard Blade Holder for cost effective precision.



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

Choose the Premium Blade Holder for precision and increased safety. Safely remove the blade from the blade holder without touching it.



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

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

- Simple, logical and easy-to-reach control buttons ❶
- Ergonomic housing with rounded corners and easy to reach handwheel
- Spacious work and storage spaces inside and on top of the cryostat
- Accessories including object plate holder ❷, moving shelf ❸ and freezing shelf cover ❹



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 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 |
| 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.) |



| | |
|---|--|
| 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) |

Technical Specifications subject to change without prior notice.

Contact your Leica Biosystems representative today to learn more about our Core Histology solutions

[LEICABIOSYSTEMS.COM/CONTACT-US](https://www.leicabiosystems.com/contact-us)

Leica Biosystems is an international company with a strong network of worldwide customer services. For detailed contact information on your nearest sales office or distributor please visit our website:

[LeicaBiosystems.com](https://www.leicabiosystems.com)

Leica Biosystems is a global leader in workflow solutions and automation. As the only company to own the workflow from biopsy to diagnosis, we are uniquely positioned to break down the barriers between each of these steps. Our mission of "Advancing Cancer Diagnostics, Improving Lives" is at the heart of our corporate culture. Our easy-to-use and consistently reliable offerings help improve workflow efficiency and diagnostic confidence. The company is represented in over 100 countries. It has manufacturing facilities in 9 countries, sales and service organizations in 19 countries, and an international network of dealers. The company is headquartered in Nussloch, Germany. Visit [LeicaBiosystems.com](https://www.leicabiosystems.com) for more information.

Products included are intended for *in vitro* diagnostic use only.