

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

LEICA SM2010R

THE PRECISE AND ERGONOMIC SLIDING MICROTOME
WITH FOCUS ON SAFETY



Advancing Cancer Diagnostics
Improving Lives

Leica
BIO SYSTEMS

THE LEICA SM2010R SLIDING MICROTOME

WITH PRECISION, SAFETY AND ERGONOMIC COMFORT BUILT INTO EVERY ASPECT, THE LEICA SM2010R SLIDING MICROTOME IS AN INVESTMENT IN PRODUCTIVITY AND QUALITY.



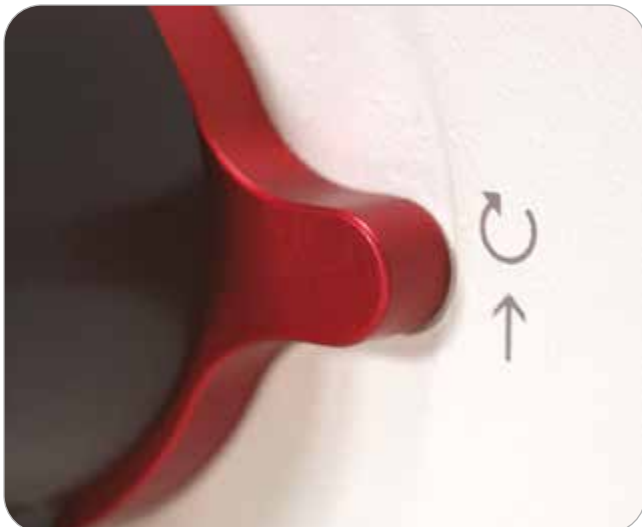


PRECISE SECTIONING

- Stable sliding microtome with totally enclosed micrometer feed system for reliable operation.
- Precise $\pm 8^\circ$ xy specimen orientation with defined zero position and click stops at every 2° turn for reproducible sectioning.
- User-selectable cutting window is adjustable for a large variety of specimen sizes in automatic mode.
- Automatic specimen feeding up to $30\text{ }\mu\text{m}$.
- Clearly indicated setting of declination angles up to 45° for reproducible positioning.

SAFETY FEATURES

- The dedicated SE disposable blade holder, for low or high profile disposable blades, is recommended for biopsies and soft routine specimens. A colored safety finger guard and safe blade handling help reduce the risk of injury. The precise and safe lateral displacement function maximizes blade usage.
- The SN knife holder, for standard knives or disposable blade rails, is recommended for harder and larger specimens and designed to facilitate safe clamping, with help of a colored safety finger guard.
- Smooth running sledge, lockable in 11 positions by using the conveniently located brake for safe section pick-up.



MORE COMFORT

- The proximity of the specimen to the user helps to eliminate reaching for the object and enhances visual perception.
- V-shaped ErgoGrip handle for easy, fatigue-free sectioning.
- Selectable clockwise or counter-clockwise turn direction of the coarse feed wheel.
- Manual feeding by either pushing or pulling the feed lever.
- Quick clamping system accommodates a variety of specimen clamps.
- Smooth, rounded front edges for comfortable instrument use.
- Large volume, anti-static section waste tray with integrated collection container.

LEICA SM2010R SLIDING MICROTOME TECHNICAL SPECIFICATIONS

Maximum specimen size with standard clamp:	50 x 60 mm (L x W)
Maximum specimen size with universal cassette clamp:	40 x 29 mm (L x W)*
Maximum specimen size with Supermega cassette clamp:	75 x 52 mm (L x W)*
Maximum specimen size with HN40 clamp:	59 x 45 mm (L x W)
Maximum specimen size with dry ice tray:	77 x 52 mm (L x W)
Specimen feed:	approx. 50 mm
Clearance angle adjustment:	- 3° to +10°
Section thickness range:	0.5 to 60 µm
Section thickness settings:	from 0.5 to 5 µm in 0.5 µm increments
	from 5 to 10 µm in 1 µm increments
	from 10 to 20 µm in 2 µm increments
	from 20 to 60 µm in 5 µm increments
Specimen orientation:	± 8°
Declination:	0° to 45° in sectioning direction

DIMENSIONS AND WEIGHT

Width (including hand wheel and ErgoGrip handle):	390 mm
Width (base plate):	256 mm
Depth:	430 mm
Height (total):	343 mm (with blade holder)
Working height (knife edge):	255 mm (measured from the table)
Weight (without accessories):	approx. 20 kg

Wide range of accessories available on request.

Technical Specifications subject to change.

* Approx. measurements according to cassette type used.

Contact your Leica Biosystems representative today to learn more about the Leica SM2010 R Sliding microtome.

[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.