

Advancing Cancer Diagnostics
Improving Lives



The Precise, Safe and Ergonomic Sliding Microtome



Leica SM2010 R

The Leica SM2010 R

With precision, safety and ergonomic comfort built into every aspect, the Leica SM2010 R is an investment in productivity and quality.



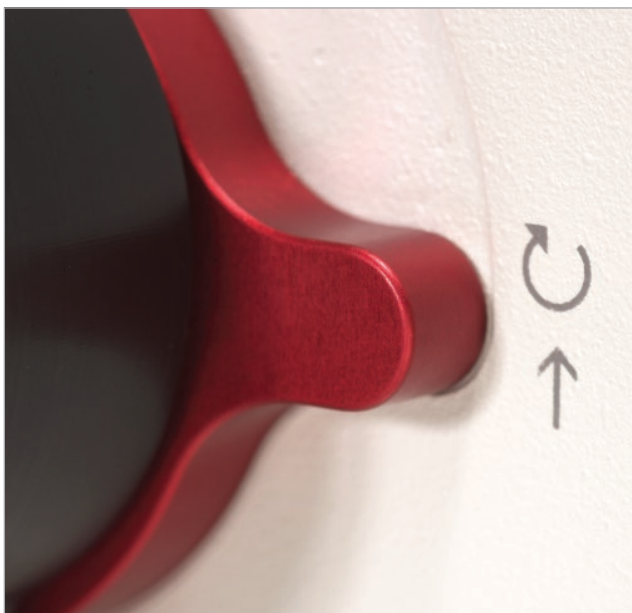


Greater precision

- 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 $30\ \mu\text{m}$.
- Clearly indicated setting of declination angles up to 45° for reproducible positioning.

Improved safety

- Dedicated SE disposable blade holder for low or high profile disposable blades are 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.
- SN knife holder for standard knives or disposable blade rails recommended for harder and larger specimens is designed to facilitate safe clamping and features 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

- Close proximity of the object to help eliminate reaching 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 release 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 SM2010 R – TECHNICAL SPECIFICATIONS

Maximum specimen size with standard clamp:	79 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 53 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

The Leica SM2010 R has been designed and manufactured in compliance with IEC requirements. Technical specifications subject to change. Wide range of accessories available on request.

Technical Specifications subject to change.

* Approx. measurements according to cassette type used.

LEICA BIOSYSTEMS

Leica Biosystems (LeicaBiosystems.com) is a global leader in workflow solutions and automation, integrating each step in the workflow. 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 and is headquartered in Nussloch, Germany.



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