

With precision, safety and ergonomic comfort built into every aspect, the Leica SM2010 R is an investment in productivity and quality that delivers an edge over all other sliding microtomes.

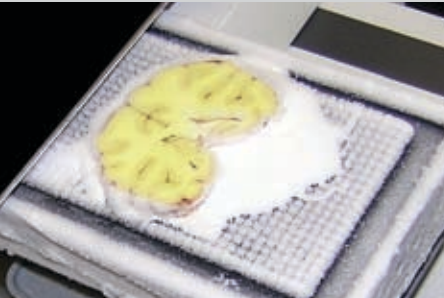
Now it's easy to manage growing work-loads as the Leica SM2010 R allows each operator to cut more sections with greater precision throughout their shift.



Safer blade removal

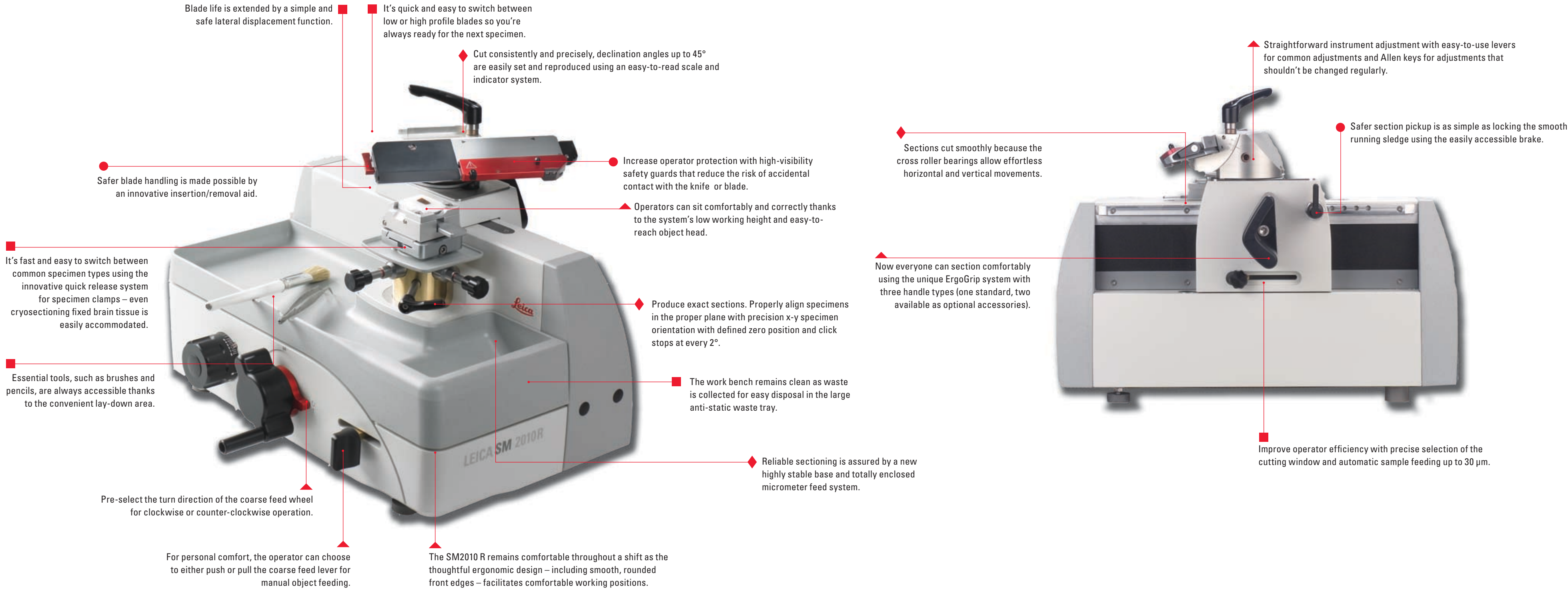


Safer knife and blade rail manipulation



Special clamps and cooling device for cryosectioning fixed tissue

Leica SM2010 R – Precise, Safe and Ergonomic



Leica design by Werner Hölbl

Precise **Safe** **Ergonomic** **Lean**

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)
Maximum specimen size with freezing stage	80 x 50 mm (L x W)

* Approx. measurements according to cassette type used.

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. 24 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.

Up-to-date development, production, and quality control procedures certified under DIN EN ISO 9001 ensure the highest quality and reliability.

Lean Histology™

Lean principles are revolutionizing the way laboratories operate. By choosing Lean-compliant systems any laboratory can greatly improve productivity, reduce costs and provide a better service.

The Leica Microsystems range covers the entire histology workflow. There is a Lean Histology instrument for every step, and complete high-productivity systems for the entire workflow.

With Lean Histology Leica Microsystems can help any laboratory “go Lean”, reduce costs and offer better service to hospitals, pathologists and patients.

The Leica SM2010 R has many Lean benefits whether working alone, or as part of a Leica Microsystems’ Lean Histology system.

- Eliminate wasted sledge movement with precise selection of the cutting window.
- Quickly switch between common specimen types using the innovative quick release system for specimen clamps.
- Extend blade life with the simple and safe lateral displacement function.
- Easily switch between low or high profile blades so you’re always ready for the next specimen.
- The bench remains clean as waste is collected for easy disposal in the large anti-static waste tray.



Specimen clamp quick release system



Red safety guard



Precise lateral displacement



Safer insertion of disposable blade



Knife holder SN for standard knives or disposable blade rails

“With the user, for the user”

Leica Microsystems

Leica Microsystems operates internationally in four divisions, where we rank with the market leaders.

• Life Science Division

The Leica Microsystems Life Science Division supports the imaging needs of the scientific community with advanced innovation and technical expertise for the visualization, measurement, and analysis of microstructures. Our strong focus on understanding scientific applications puts Leica Microsystems’ customers at the leading edge of science.

• Industry Division

The Leica Microsystems Industry Division’s focus is to support customers’ pursuit of the highest quality end result. Leica Microsystems provide the best and most innovative imaging systems to see, measure, and analyze the microstructures in routine and research industrial applications, materials science, quality control, forensic science investigation, and educational applications.

• Biosystems Division

The Leica Microsystems Biosystems Division brings histopathology labs and researchers the highest-quality, most comprehensive product range. From patient to pathologist, the range includes the ideal product for each histology step and high-productivity workflow solutions for the entire lab. With complete histology systems featuring innovative automation and Novocastra™ reagents, Leica Microsystems creates better patient care through rapid turnaround, diagnostic confidence, and close customer collaboration.

• Surgical Division

The Leica Microsystems Surgical Division’s focus is to partner with and support surgeons and their care of patients with the highest-quality, most innovative surgical microscope technology today and into the future.

The statement by Ernst Leitz in 1907, “with the user, for the user,” describes the fruitful collaboration with end users and driving force of innovation at Leica Microsystems. We have developed five brand values to live up to this tradition: Pioneering, High-end Quality, Team Spirit, Dedication to Science, and Continuous Improvement. For us, living up to these values means: **Living up to Life.**

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Leica SM2010 R

The Precise, Safe and Ergonomic Sliding Microtome

Living up to Life



The Leica SM2010 R

Precise. Safe. Ergonomic.



Precise – high-quality sections and reduced repeats.

Safe – Build staff morale with improved operator protection

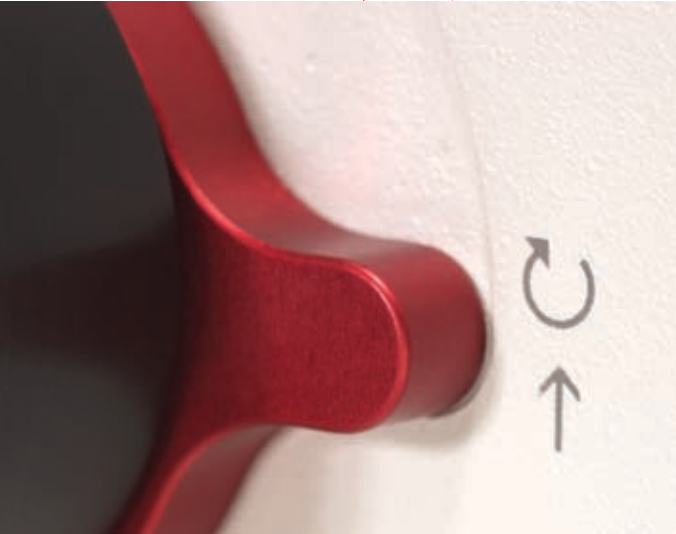
Because user safety is paramount, the SM2010 R comes equipped with advanced safety features that protect each operator throughout every shift.



Safe – added protection for every user

Ergonomic – Boost productivity as operators maintain a high work rate

Comfortable operation means higher productivity and less injury. By adhering to the best ergonomic principles, the SM2010 R has the options and features that allow each operator to work comfortably and concentrate on the quality of each section.



Ergonomic – work quickly and efficiently throughout each shift.