

Leica RM 2155

Year of manufacture: 2001

Condition: ready for use, used

Functionality: fully functional

Price: € 2.990,00 plus VAT and delivery

Rated voltage: 100 V AC $\pm 10\%$

Power consumption: 340 VA

The LEICA RM2155 is a robust, fully motorized rotary microtome designed for the precise preparation of thin sections from paraffin- or resin-embedded specimens for histological, pathological, and materials analysis applications. The device combines motorized automatic functionality with manual fine control and ensures reproducible section quality, even at high throughput.

Technical Features:

Motorized sectioning with adjustable speed and motorized coarse feed to optimize workflow for both routine and demanding specimens.

Adjustable section thickness range from 0.5 μm to 60 μm with fine increments, allowing adaptation to different material requirements.

Specimen feed: 27 mm advance via stepper motor

Vertical stroke: 70 mm

Maximum cutting range without retraction: 65 mm without specimen orientation

Maximum cutting range with retraction: 60 mm

Specimen retraction in motorized cutting mode: 10, 30, 70 μm , speed-dependent and switchable off

Specimen retraction in manual cutting mode: 5, 10, 15, 20 μm , switchable off

Adjustability of the knife holder base: N/S adjustment ± 25 mm, E/W adjustment ± 20 mm

Maximum specimen size (W x H x D): 50 x 60 x 40 mm

Specimen orientation: horizontal 8° , vertical 8° , rotatable $\pm 90^\circ$

Trimming steps: 5, 15, 30 μm

Electric coarse drive: 900 $\mu\text{m}/\text{s}$

Cutting speed: 0; 0.5–420 mm/s

Return stroke speed: approx. 120–420 mm/s

Fields of application: Preparation of consistent tissue sections for microscopic analysis in histology, pathology, neuropathology, and materials science investigations; suitable for research and routine laboratory environments with high requirements for cutting precision and reproducibility.

The LEICA RM2155 stands out for its technical reliability, precise cutting performance, and versatile application options, making it a long-term investment for demanding laboratory processes.

Includes: power cable, knife holder base, NZ knife holder, standard chamber, foil chamber, 16 cm carbide knife, manual.















