

We are manufacturers of rotary and sliding microtomes for clinical histopathology, cytology, biomedical research and industry.

We have been manufacturing microtomes for our customers around the world for more than 25 years. Applying our expertise as specialists in toolmaking and mechanical engineering, we manufacture products on the highest level of precision and quality.

Due to our association with the tool manufacturer GANTER Werkzeug- und Maschinenbau GmbH, we are able to offer complex special solutions as well as custom-manufactured clamping systems and special knives for microtomes.

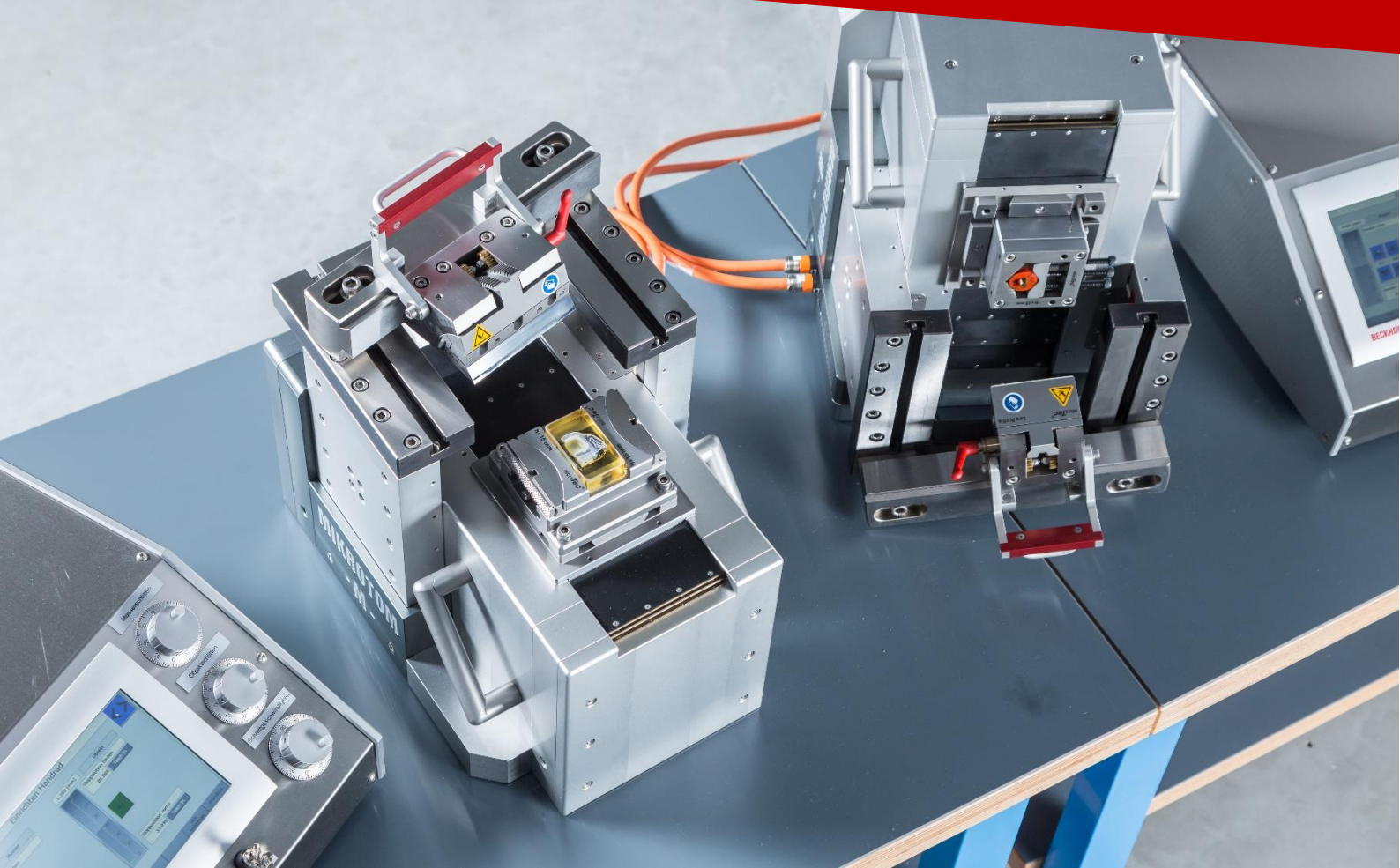
We present the first table unit of our heavy-duty-microtome family, which can be operated vertically and horizontally. The device impresses through its massive and compact construction, designed for maximum stability to section hard and large samples while having comparatively low space requirements. The device is suitable for smaller laboratories with application requirements an ordinary rotary microtome cannot fulfill.

MIKROTOM-M

Fully automated high performance sliding microtome

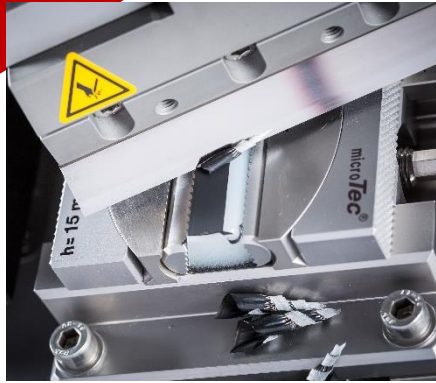
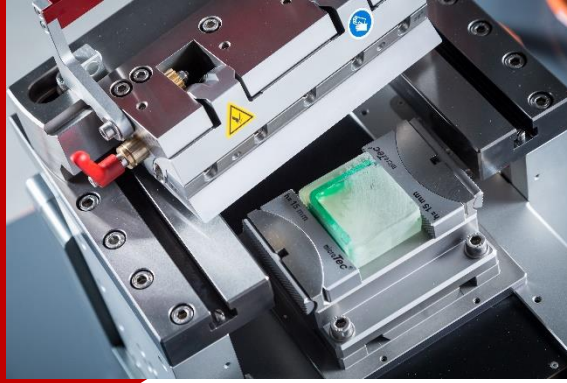
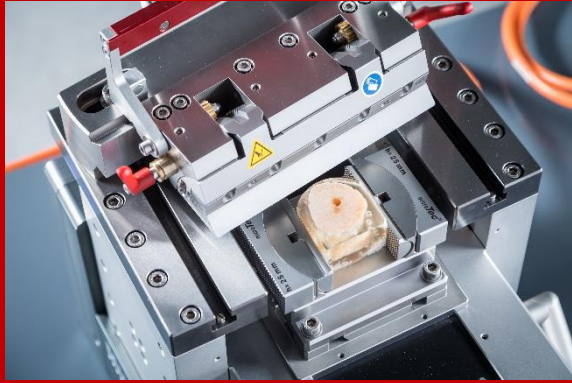
Fast, accurate and fatigue-free sectioning for use in medical and industrial applications. Sample sizes ranging up to **120 x 120 x 60 mm**

microTec®



MIKROTOM-M

The Mikrotom-M is a high-performance sliding microtome for biomedical and industrial applications. The microtome is fully automated and features a control panel with electronic hand wheels and a touch screen to enable a quick and easy setting change. The precise sample alignment and a freely adjustable declination angle enables the Mikrotom-L to deliver incredibly precise sections for all conceivable applications. In case of special requirements, we are happy to develop special solutions to fulfill your needs.



microTec®

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Technical Data:

Sections & Knives

- Freely configurable sectioning window
- Section thickness: 1 to 1,000 µm
- Sectioning speed: 1 to 125 mm/s
- Knife stroke distance: 60 mm
- Knife retraction: 0 to 1,000 µm
- Trim thickness: 1 to 1,500 µm
- Knife inclination: 0° to -25°
- Knife declination: 90° to 135°
- Freely configurable collision protection level

Dimensions

- Dimensions control unit: 445 x 320 x 250 mm
- Dimensions microtome: 440 x 400 x 200 mm
- Weight control unit: 17.5 kg
- Weight microtome: 80 kg

Control & Drive Units

- Separate drive unit for knife and object movement
- Three sectioning functions: button-activated, single and continuous stroke
- Rated voltage: 240 V, 16 A
- Rated frequency: 50 Hz
- Power input: 1.38 kW
- Rated power: 6.0 A
- Total power consumption: max. 1,380 VA
- Fuse: 16 A

Samples

- Sample size: 120 x 120 x 60 mm
- Sample orientation: rotatable 360°, inclinable ± 5° along the x-/y-axis
- Mounting of clamping devices via dovetail groove plate
- Reversing speed: 1 to 125 mm/s
- Manual moving of samples using an electronic hand-wheel/ potentiometer