

Rotary Microtomes

Meditome A550

Automatic Rotary
Microtome for High-
Performance Sectioning

MADE IN GERMANY



Meditome M530

Semi-automatic
Rotary Microtome
with Motorized
Specimen Feed



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Meditome A550

Automatic Rotary Microtome

Universal microtome with motorized cutting drive

Based on our knowledge in the microtomy field we have consistently developed our microtome series. All microtomes are entirely designed and **made in Germany**, using own mechanics and electronics. The automatic microtome **Meditome A550** combines trendsetting technology with ergonomic design and meets the highest demands in every working environment. Enhanced user comfort results in maximum output and will boost your efficiency from the average to the extraordinary.

■ Safe

- Superior section stability and precision
- Powerful motorized cutting drive with safety function
- High quality sectioning with consistent results
- Maximum section reproducibility



■ Convenient

- Adjustable cutting window with speed control
- Large section thickness range from 1 µm to 500 µm
- Alternate trimming and sectioning modes
- Disposable blade carrier with adjustable cutting angle
- Memory key to store the section start position



Cat. No. 03-4100-00

■ Universal

- Worldwide operation without power adjustment
- Variable instrument settings
- True all-round multipurpose microtome for histology, biology, research and industry

Technical data:

Section thickness setting range:	0.25 µm to 50 µm
Setting values:	from 0.25 µm to 5.0 µm in 0.25 µm increments from 5.0 µm to 10.0 µm in 0.5 µm increments from 10 µm to 50 µm in 1 µm increments
Trimming section thickness range:	1 µm to 500 µm
Setting values:	from 1 µm to 20 µm in 1 µm increments from 20 µm to 100 µm in 5 µm increments from 100 µm to 500 µm in 10 µm increments
Sectioning speed range:	from 0 to 400 mm/s
Horizontal specimen feed:	30 mm
Vertical specimen stroke:	68 mm
Sectioning modes:	Total 5: Manual, continuous, single and permanent mode, step stroke
Dimensions incl. tray (L/T/H):	530 x 430 x 310 mm
Weight:	approx. 38 kg
Power supply:	100-240 V / 50/60 Hz
Accessories:	Supplied with disposable blade carrier for a low profile blade and universal object clamp. See details on last page.

Semi-automatic Rotary Microtome

The successful microtome with motorized specimen feed

The **Meditome M530** is designed to meet multiple requirements of histology or histopathology labs and is also suitable for the use in research labs as well as industrial quality assurance. With its high-precision technology the **Meditome M530** permits quality sections, while maintaining a high, consistent throughput. Great functionality and the appealing design are the key features of our microtome. Optimal user comfort enables a rapid, safe and smooth sectioning, even under heavy workload.



■ Efficient

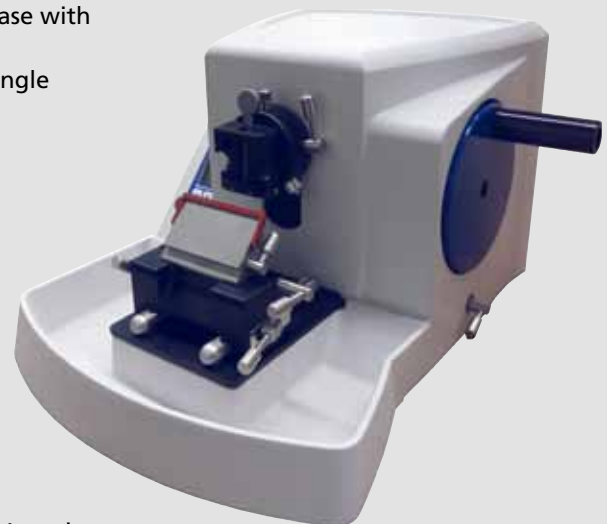
- Well-engineered technology for enhanced quality and savings
- Can easily be adapted to the requirements of modern labs
- User-oriented technology with optimum handling properties

■ Intelligent

- High-precision mechanics guarantees comfortable operation
- Precision specimen orientation from 0 μm to 99 μm
- Quick release system for all clamping types
- Solid blade carrier base with lateral movement
- Adjustable cutting angle

■ Ergonomic

- Smooth-running hand wheel including locking device
- Spaciously designed integrated section waste tray
- Clearly arranged operating controls
- Torsion-free base design provides maximum stability



Cat. No. 03-4000-00

Technical data:

Section thickness setting range:

0 μm to 99 μm

Setting values:

from 0 μm to 99 μm in 1 μm increments

Trimming section thickness setting range:

0 μm to 500 μm

Setting values:

from 0 μm to 100 μm in 5 μm increments
from 20 μm to 100 μm in 5 μm increments
from 100 μm to 500 μm in 50 μm increments

Horizontal specimen feed:

30 mm

Vertical specimen stroke:

68 mm

Dimensions incl. tray (L/T/H):

530 x 377 x 281 mm

Weight:

approx. 30 kg

Power supply:

100-240 V / 50/60 Hz

Accessories:

Supplied with disposable blade carrier for a low profile blade and universal object clamp. See details on last page.

Rotary Microtomes

Accessories for models A550/M530



Disposable blade carrier for a low profile blade, Cat. No. 24-3131-00

The disposable blade carrier is suitable for commercially available low profile blades. The blade carrier base is equipped with a lateral movement, thus the whole cutting length of the blade can be used. The clearance angle between cutting edge and specimen is adjustable. In order to perform a coarse adjustment the whole blade carrier can be moved forward or backward on the guide bars. The integrated finger protection helps users to prevent injuries caused by the microtome blade.

As an option a disposable blade carrier for a high profile blade is available on request, Cat. No. 24-3128-00.



Universal object clamp for standard cassettes, Cat. No. 24-3136-00

The universal object clamp is a quick release system for standard cassettes. By using the adjustable adaptor at the cassette clamp, which is holding the object clamps at the cylinder head, the specimen can be oriented precisely. Object clamps with tray for v-shaped specimen are optional.



Object clamp with tray for v-shaped specimen, Cat. No. 24-3031-00

We recommend our consumables for the use in microtomy:

These products and more are also available from our onlineshop.



Paraffin Cleaner
Bottle of 250 cc (incl. spray pump)
Cat. No. 41-5600-00



Embedding cassettes with disposable lids
Cat. No. 46-1100-00 et seq.
Stamp to fix tissue samples
Cat. No. 46-0910-00/46-0911-00



Cryo-Spray
200 cc tin can: Cat. No. 40-0110-00
400 cc tin can: Cat. No. 40-0111-00

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