

# 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.

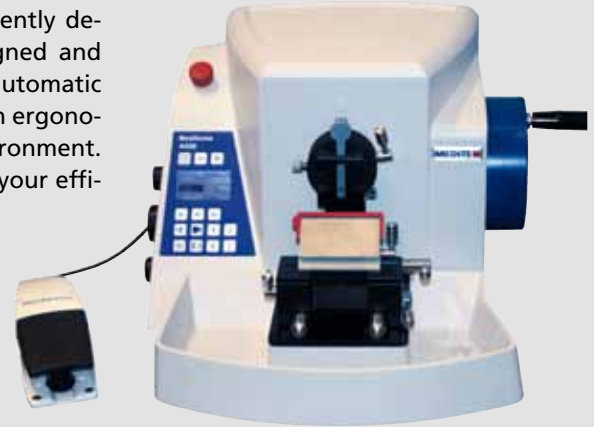
#### ■ Safe

- Superior section stability and precision
- Powerful motorized cutting drive with safety function
- Maximum section reproducibility



#### ■ Foot switch

Cat. No. 24-3331-00



#### ■ Meditome A550

Cat. No. 03-4100-00

#### ■ Convenient

- Adjustable cutting window with speed control
- Large section thickness range from 1  $\mu\text{m}$  to 500  $\mu\text{m}$
- Alternate trimming and sectioning modes
- Disposable blade carrier with adjustable cutting angle
- Memory key to store the section start position

#### ■ Universal

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

### Technical data:

Section thickness setting range:

0.25  $\mu\text{m}$  to 50  $\mu\text{m}$

Setting parameters:

from 0.25  $\mu\text{m}$  to 5.0  $\mu\text{m}$  in 0.25  $\mu\text{m}$  increments  
from 5.0  $\mu\text{m}$  to 10.0  $\mu\text{m}$  in 0.5  $\mu\text{m}$  increments  
from 10  $\mu\text{m}$  to 50  $\mu\text{m}$  in 1  $\mu\text{m}$  increments

Trimming section thickness range:

1  $\mu\text{m}$  to 500  $\mu\text{m}$

Setting parameters:

from 1  $\mu\text{m}$  to 20  $\mu\text{m}$  in 1  $\mu\text{m}$  increments  
from 20  $\mu\text{m}$  to 100  $\mu\text{m}$  in 5  $\mu\text{m}$  increments  
from 100  $\mu\text{m}$  to 500  $\mu\text{m}$  in 10  $\mu\text{m}$  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 mode, permanent mode, and 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

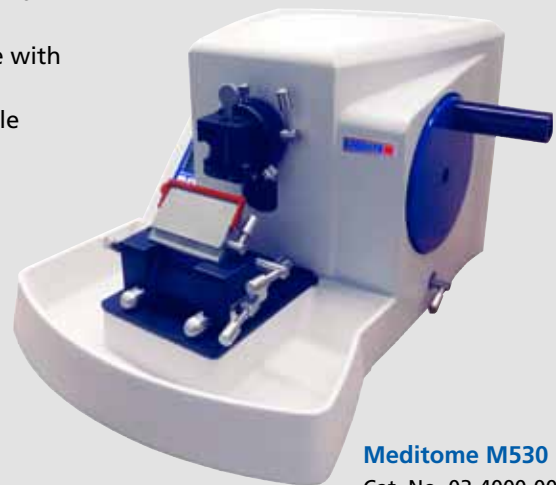
- Well-engineered technology for enhanced quality and savings
- Can easily be adapted to the requirements of modern labs
- User-oriented technology with optimum handling properties

### ■ Intelligent

- High-precision mechanics guarantees comfortable operation
- Precision specimen orientation from 0  $\mu\text{m}$  to 99  $\mu\text{m}$
- 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



**Meditome M530**  
Cat. No. 03-4000-00

### Technical data:

Section thickness setting range:	0 $\mu\text{m}$ to 99 $\mu\text{m}$
Setting parameters:	from 0 $\mu\text{m}$ to 99 $\mu\text{m}$ in 1 $\mu\text{m}$ increments
Trimming section thickness setting range:	0 $\mu\text{m}$ to 500 $\mu\text{m}$
Setting parameters:	from 0 $\mu\text{m}$ to 100 $\mu\text{m}$ in 5 $\mu\text{m}$ increments from 100 $\mu\text{m}$ to 500 $\mu\text{m}$ in 50 $\mu\text{m}$ 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

### Blade carriers:



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 rough adjustment the whole blade carrier can be moved

forward or backward on the guide bars. The integrated finger protection helps to prevent injuries to users caused by the microtome blades.

As an option a disposable blade carrier for a high profile blade is available on request.

Cat. No. 24-3128-00

### Object clamps:



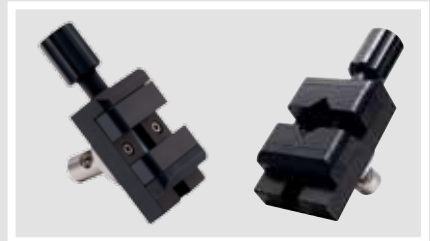
Universal object clamp for standard cassettes  
Cat. No. 24-3136-00



Universal object clamp, fixed, for standard cassettes  
Cat. No. 24-3162-00



Object clamp for super mega cassettes  
Cat. No. 24-3160-00



Object clamp with tray for v-shaped specimen and thin material layers  
Cat. No. 24-3030-00

### Consumables for the use in microtomy:



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



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



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

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**MEDITE** ■

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