

# Rotary Microtome, automatic

## Microtome A550

### 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 **Microtome 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.

### 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

### 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:  | 1 µm to 50 µm  |
| Setting parameters:               | from 1 µm to 5.0 µm in 0.25 µm increments<br>from 5.0 µm to 10.0 µm in 0.5 µm increments<br>from 10 µm to 50 µm in 1 µm increments |
| Trimming section thickness range: | 1 µm to 500 µm   |
| Setting parameters:               | from 1 µm to 20 µm in 1 µm increments<br>from 20 µm to 100 µm in 5 µm increments<br>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 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  |

Further accessory can be found in our **Product Program** or online at [www.medite.de](http://www.medite.de).



### Safe

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

Cat. No. 03-4100-00

# Rotary microtome, semi-automatic

## Microtome M530

### The successful microtome with motorized specimen feed

The **Microtome 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 **Microtome 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

### 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

### Technical data:

|   |   |
|---|---|
| Section thickness setting range:          | 1 µm to 99 µm   |
| Setting parameters:                       | from 1 µm to 99 µm in 1 µm increments   |
| Trimming section thickness setting range: | 1 µm to 500 µm  |
| Setting parameters:                       | from 1 µm to 100 µm in 5 µm increments<br>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 |

Further accessory can be found in our **Product Program** or online at [www.medite.de](http://www.medite.de).



### 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

Cat. No. 03-4000-00

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