

Rotary Manual Microtome

M380



The rotary manual **Microtome M380** was designed by experts for easy handling, without the necessity of any power supply.

Advantages of **Microtome M380**

- » Well-engineered technology for enhanced quality and savings
- » Smooth-running hand wheel including locking device
- » Spaciously designed integrated section waste tray
- » High-precision mechanics guarantees comfortable operation
- » Adjustable cutting angle

The **Microtome M380** is designed to meet multiple requirements of histology or histopathology labs. It is also suitable for the use in research labs as well as industrial quality assurance. In being manual, the Microtome M380 is flexible to use at any place in the laboratory.

With its high-precision mechanics inside, the **Microtome M380** 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.

Technical Data		Cat. No. 03-4200-00
Sectioning range, setting values	from 0.5 µm to 5 µm in 0.5 µm steps	
Trimming range, setting values	from 2 µm to 10 µm in 1 µm steps	
	from 10 µm to 20 µm in 2 µm steps	
	from 20 µm to 60 µm in 5 µm steps	
Horizontal specimen feed	30 mm	
Vertical lift	68 mm	
Dimensions incl. tray (W/D/H)	530 x 377 x 281 mm	
Weight	ca. 30 kg	

Rotary Semi-Automatic Microtome

M530



The rotary semi-automatic **Microtome M530** was designed by experts for easy handling, with motorized specimen feed.

Advantages of **Microtome M530**

- » User-oriented technology with optimum handling properties
- » Clearly arranged operating controls
- » Precision specimen orientation from 0 μm to 99 μm
- » Quick release system for all clamping types
- » Spaciously designed integrated section waste tray

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. The **Microtome M530** features a display with soft-touch keys on the left side, where the sectioning settings can be set. On the right side is a smooth-running handwheel. For further ease of use, a feature called 'Memory Positioning' allows moving to previously saved sectioning positions at the push of a button.

Optimal user comfort enables a rapid, safe and smooth sectioning, even under heavy workload.

Technical Data		Cat. No. 03-4000-01
Sectioning range, setting values		from 0.5 μm to 2 μm in 0.5 μm steps
		from 2 μm to 99 μm in 1 μm steps
Trimming range, setting values		from 1 μm to 100 μm in 5 μm steps
		from 100 μm to 500 μm in 50 μm steps
Horizontal specimen feed		30 mm
Vertical lift		68 mm
Dimensions incl. tray (W/D/H)		530 x 377 x 281 mm
Weight		ca. 30 kg
Power Supply		100-240V / 50-60Hz

Rotary Automatic Microtome A550



The rotary automatic **Microtome A550** was designed by experts for easy handling, with a powerful motorized cutting drive.

Advantages of **Microtome A550**

- » Worldwide operation without power adjustment
- » Large section thickness range from 1 µm to 500 µm
- » Superior section stability and precision
- » Alternate trimming and sectioning modes
- » Maximum section reproducibility
- » Variable instrument settings
- » True all-around multipurpose microtome for histology, biology, research and industry

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.

With the aid of the 'Memory Positioning', previously saved positions can be set at the push of a button. An emergency off switch brings extra safety. The **Microtome A550** features a display with soft keys, a handwheel, and can also be operated with a foot switch.

Technical Data		Cat. No. 03-4100-01
Sectioning range, setting values	from 0.25 µm to 5 µm in 0.25 µm steps	
	from 5 µm to 10 µm in 0.5 µm steps	
	from 10 µm to 50 µm in 1 µm steps	
Trimming range, setting values	from 1 µm to 20 µm in 1 µm steps	
	from 20 µm to 100 µm in 5 µm steps	
	from 100 µm to 500 µm in 10 µm steps	
Sectioning speed	1 - 400 mm/s	
Specimen feed	30 mm	
Vertical lift	68 mm	
Sectioning modes	manual, continuous, single, step stroke, permanent	
Dimensions incl. tray (W/D/H)	530 x 430 x 310 mm	
Weight	ca. 38 kg	
Power Supply	100-240V / 50-60Hz	

Accessories for Microtomes

	<i>Packing Unit</i>	<i>Cat. No.</i>
TissueCut® Disposable Microtome Blades Type R 52 , low profile, for standard paraffin sectioning	Dispenser of 50 blades	48-1600-00
TissueCut® Disposable Microtome Blades Type N 42 , low profile, for very hard tissue	Dispenser of 50 blades	48-1610-00
TissueCut® Disposable Microtome Blades Type S 67 , low profile, for thin paraffin sectioning	Dispenser of 50 blades	48-1620-00
TissueCut® Disposable Microtome Blades Type A 26 , low profile, for soft and hard tissue, and extra thin sections	Dispenser of 50 blades	48-1630-00
TissueCut® Disposable Microtome Blades Type S 80 , low profile, for extra thin sectioning	Dispenser of 50 blades	48-1640-00
TissueCut® Disposable Microtome Blades Type R 70 , high profile, excellent sectioning quality	Dispenser of 50 blades	48-1601-00
Universal Cassette Clamp , for standard cassettes, for models until 2015	1 pc.	24-3136-00
Universal Cassette Clamp , for standard cassettes, for models since 2016	1 pc.	24-3232-00
Universal Cassette Clamp , for standard cassettes, for models since 2016	1 pc.	24-3136-01
Universal Cassette Clamp rigid , for standard cassettes, for models until 2015	1 pc.	24-3162-00
Universal Cassette Clamp rigid , for standard cassettes, for models since 2016	1 pc.	24-3162-01
Standard Object Clamp with different inserts for V insert and thin material layers, for models until 2015	1 Set	24-3030-00
Standard Object Clamp with different inserts for V insert and thin material layers, for models since 2016	1 Set	24-3030-01
Object clamp for super mega cassettes , for models until 2015	1 pc.	24-3177-00
Object clamp for super mega cassettes , for models since 2016	1 pc.	24-3177-01
Positioning tool for adjusting of object clamp	1 pc.	24-3097-00
Blade holder for low profile disposable blades, for models until 2015	1 pc.	24-3131-00
Blade holder for low profile disposable blades, for models since 2016	1 pc.	24-3230-00
Blade holder for high profile disposable blades, for models until 2015	1 pc.	24-3128-00
Blade holder for high profile disposable blades, for models since 2016	1 pc.	24-3457-00
Foot switch for Microtome A550 , for models until 2015	1 pc.	24-3331-00
Foot switch for Microtome A550 , for models since 2016	1 pc.	24-3331-01
Cooled Object Clamp , for models until 2015	1 pc.	24-3155-00
Cooled Object Clamp , for models since 2016	1 pc.	24-3155-01
Microtome brush for stretching of sections	1 pc.	46-0921-00
Microtome brush for cleaning	1 pc.	46-0922-00
Oil for slideways , bottle of 100 ml	1 bottle	40-2100-00
Oil for slideways , bottle of 1000 ml	1 bottle	40-2200-00

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