

MECNME

Microtome & Rotary Microtome Services

www.mecnme.com



Technical innovation and Histology solutions

MeCnMe has been developing and manufacturing Rotary Microtome electromedical instruments for Anatomical Pathology. Our company has firmly established itself, both nationally and internationally, as a reliable, competitive and efficient partner dealing in the highly-demanding diagnostic sector.

Our mission is to provide specialist help to pathologists and technicians of the Pathological Anatomy Units in order to obtain the best results, through national and international distribution. Further developments of new instruments will benefit from the experience and professional approach of a dedicated team. Many laboratories are already benefiting from the proven technology of our tissue processors, embedding centers, microtomes, and slide staining units.

Our people, with a deep knowledge of the sector, are able to analyze market trends, labs requirements, and practical applications, providing advice, and generating unrivaled instruments.

Our company's policy is based on maintaining the highest levels of quality and reliability along with excellent customer service, with a view to establishing a long term business relationship with all our customers.

We meet your requirements. Because we are devoted to Histology.



Manual Rotary Microtome

Technical Specifications:

Section Thickness Setting Range: 0–60 μ m

Section thickness setting options:

0–20 μ m increment 1 μ m

20–60 μ m increment 5 μ m

Trimming Thickness Setting Range: 0- 60 μ m

Minimum Setting of Sectioning Thickness: 1 μ m

Maximum Specimen Size: 70 \times 70mm

Trimming Thickness: 15 μ m and 35 μ m

Specimen Retraction: 60 μ m (optional)

Total Horizontal Specimen Feed: 28mm;

Vertical Specimen Stroke: 70mm

Movement Range of the Base of Blade Holder Base: 0-60mm (front to back)

Movement Range of the Blade Press plate: 0-23mm

Specimen Holder Rotation: at any angle within 360 degrees

Specimen Orientation: XY – 8°

Precision Error: $\pm 1\%$

Dimensions: 590 \times 500 \times 330mm (W \times D \times H)

Net weight: 37kg



Semi-automated Rotary Microtome

Technical Specifications:

Section Thickness Setting Range: 0.25 - 100 μ m

0.25 – 2.5 μ m	increment 0.25 μ m
2.5 – 5 μ m	increment 0.5 μ m
5.0 – 10 μ m	increment 1 μ m
10 – 30 μ m	increment 2 μ m
30 – 60 μ m	increment 5 μ m
60 – 100 μ m	increment 10 μ m

Trimming Thickness Setting Range: 1 – 600 μ m

1 - 10 μ m	increment 1 μ m
10 - 20 μ m	increment 2 μ m
20 - 50 μ m	increment 5 μ m
50 - 150 μ m	increment 10 μ m
150 - 600 μ m	increment 50 μ m

Retraction Setting Range: 0 – 100 μ m (0 is off)
5-10-15 – 50 (optional)

Whole layer clearance distance Range: 10 – 6000 μ m
10-12-15-20-25~5000~6000 μ m

Minimum Setting of Sectioning Thickness: 0.25 μ m

Total Horizontal Specimen Feed: 30mm
Vertical Specimen Stroke: 70mm
Movement Range of the Base of Blade Holder Base: 0-65mm (front to back)
Movement Range of the Blade Press plate: 0-20mm
Cutting/Trimming count number: 0~9999
Memory position of clamp head: two position set
The optional separate wireless controller
Specimen Clamp Rotation: at any angle within 360 degrees.
Specimen Orientation: XY – 8°
Maximum Specimen Size:60×70mm (optional clamp)
Feed speed adjust: 2000μm/s
Precision Error:±1%
Working Voltage: AC 220V±10% 50Hz (standard model) / AC110V±10% 60HZ
Power:100W
Dimensions:480×410×310 mm (W×D×H)
Net weight:28kg



Fully Automated Microtome

Technical Specifications:

Section Thickness Setting Range: 0 - 100 μ m

0 - 2 μ m increment 0.5 μ m

2 - 10 μ m increment 1 μ m

10 - 20 μ m increment 2 μ m

20 - 100 μ m increment 5 μ m

Trimming Thickness Setting Range: 0 - 600 μ m

1 - 10 μ m increment 1 μ m

10 - 20 μ m increment 2 μ m

20 - 100 μ m increment 10 μ m

100 - 600 μ m increment 50 μ m

Minimum Setting of Sectioning Thickness: 0.5 μ m

Total Horizontal Specimen Feed: 28mm

Vertical Specimen Stroke: 52mm

Movement Range of the Base of Blade Holder Base: 0-60mm (front to back)

Movement Range of the Blade Press plate: 0-23mm

Specimen Retraction: 20 μ m

Automatic Return of Specimen

Specimen Clamp Rotation: at any angle within 360 degrees.

Specimen Orientation: XY – 8°

Maximum Specimen Size:50x70mm (optional clamp)

Precision Error:±1%

Working Voltage: AC 220V±10% 50Hz (standard model) / AC110V±10% 60HZ

Power:150W

Dimensions:600×495×307 mm (W×D×H)

Net weight:32kg

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