Galileo SEMI Series 1

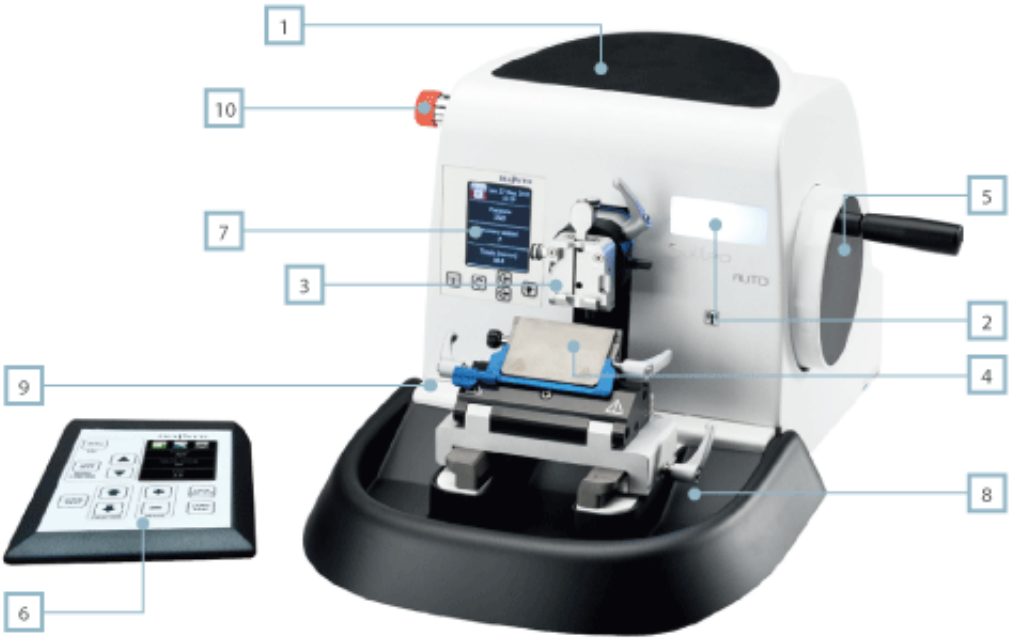
Brand: Diapath
Product Code: AC024DP
Availability: 2 - 3 Days
Call for Price: +2 01000 6546

Short Description
The rotary microtomes Galileo are new generation rotary microtomes suitable for sectioning any biomedical specimens.

Description
The rotary microtomes Galileo are new generation rotary microtomes suitable for sectioning any biomedical specimens. Specifically designed to provide the best performance in terms of sectioning reproducibility, precision, ergonomics and safety for the operator.

Galileo rotary microtomes line is a new generation microtome able to section, in the order of 0.5 micron, with both maximum precision and perfect sectioning accuracy, without neglecting ergonomics and safety for the operator, mandatory for a highly manual and repetitive phase as microtome sectioning.

Galileo Series 1



1. Room tray with anti-slip pad, easy removable for a fast cleaning
2. Lighted backlit panel to a prompt check of cut sections quality
3. Precise specimen orientation with zero point reference:
    1. Electronic lock of specimen holder in every position, for operator safety
    2. Automatic retraction with possibility to set specimen retraction thickness
    3. Clamp for cassettes with universal quick-lock with lever
    4. Settable vertical stroke for time optimization
4. Precise lateral knife holder adjustment, with three predefined stop positions, blade removal system and cutting protection for operator's safety
5. Safe, smooth-running handwheel with exclusive electronic lock in every position simply pressing a key on remote control, with ergonomically designed handwheel handle
6. New ergonomic remote control, to be freely placed by the operator, high stability, waterproof and easy to use with colored icons
7. User interface in English with intuitive icons
8. Roomy waste basin, removable of an easy cleaning
9. Stable microtome base plate for excellent cutting performance
10. Emergency stop.

[youtube id="-j53ndFwKSs"][/youtube]

Technical Specifications
Technical features Galileo SEMI

Sectioning thickness setting range	0.5 - 100 micron 0.5 - 5 micron in 0.5 micron increments 5 - 20 micron in 1 micron increments 20 – 30 micron in 2 micron increments 30 – 60 micron in 5 micron increments 60 – 100 micron in 10 micron increments
Trimming section thickness setting range	1 -600 micron 5 - 30 micron in 5 micron increments 30 – 100 micron in 10 micron increments 100 – 200 micron in 20 micron increments 200 – 600 micron in 50 micron increments
Object feed	30 mm +- 1 mm, feed motion via step motor
Vertical stroke	70 mm
Specimen orientation	Horizontal 8°, vertical 8°, rotation 360°
Maximum specimen size (WxD)	55x50 mm (68x50 mm with clamp for macrocassettes)
Specimen retraction	manual 5-100 micron in 5 microm increments (can be turned off)
Nominal supply voltage	230 V -+10% - 110 v -+10%
Power consumption	200VA
Certification	CE -IVE- cTUVus
Dimensions (WxDxH)	400x675x350 mm
Weight	40 kg

Technical features Galileo AUTO

Sectioning thickness setting range	0.5 - 100 micron 0.5 - 5 micron in 0.5 micron increments 5 - 20 micron in 1 micron increments 20 – 30 micron in 2 micron increments 30 – 60 micron in 5 micron increments 60 – 100 micron in 10 micron increments
Trimming section thickness setting range	1 -600 micron 5 - 30 micron in 5 micron increments 30 – 100 micron in 10 micron increments 100 – 200 micron in 20 micron increments 200 – 600 micron in 50 micron increments
Object feed	30 mm +- 1 mm, feed motion via step motor
Vertical stroke	70 mm
Specimen orientation	Horizontal 8°, vertical 8°, rotation 360°

Sectioning modes	normal, fast
Cutting speed	from 0 to 150 micron - 520 mm/sec
Maximum specimen size (WxD)	55x50 mm (68x50 mm with clamp for macrocassettes)
Specimen retraction	manual 5-100 micron in 5 microm increments (can be turned off) in motorized operation from 10 to 70 micron, according to the sectioning speed (can be turned off)
	Nominal supply voltage
Power consumption	200VA
Certification	CE -IVE- cTUVus
Dimensions (WxDxH)	400x675x350 mm
Weight	40 kg
Cutting modes	single, multi and continuous

Product Gallery