

## Galileo AUTO Series 2

**Brand:** Diapath

**Product Code:** AC025DP

**Availability:** 2 - 3 Days

**Call for Price:** +2 01000 6546



### Short Description

Fully automatic rotary microtome Galileo AUTO Series 2

### Description

The new rotary microtomes line Galileo Series 2 is designed to meet requirements of precision, reliability, safety and assure the best performances in histological samples cutting.

Galileo AUTO Series 2 is a fully automatic rotary microtome with great histological sample cutting (in 0.5  $\mu\text{m}$  increments) with attention and precision according to the high standards for user's safety.

Galileo AUTO Series 2 can be used both in automatic and semi-automatic mode, assuring maximum flexibility of use.

The handwheel is equipped with an innovative system to give a smooth assisted-handwheel running: it supports the operator during the manual working, enables user comfort with a safe and smooth sectioning improving operator's work condition and productivity.

### Galileo Series 2



1. New Local board integrated on the instrument with LCD colour display to manage cutting operations without using the Remote control
2. Clamp with rapid fixing support integrated inside the millimetric orientation system with zero point indicator
3. Knife holder with lateral movement in 3 positions, finger guard and millimetric position indicator
4. Newly-designed guides for knife holder base movement to provide the right fixing in each position
5. Ultra-smooth-running handwheel with exclusive electronic locking system in each position equipped with ergonomics and retractable handle
6. Backlit panel for an immediate sample detection
7. Spaciously designed section waste tray with fixing system
8. Roomy shelf equipped with removable tray
9. Emergency stop push button

### Technical Specifications

Sectioning thickness setting range	0.5 - 100 $\mu$ m, 0.5
	30 – 60 $\mu$ m in 5 $\mu$ m increments
	60 – 100 $\mu$ m in 10 $\mu$ m increments

Trimming thickness setting range	1 - 600 $\mu$ m
Cutting speed – settable (only for AUTO)	0 - 150 (0 - 420 mm/sec)
Horizontal specimen feed	30 mm +/- 1 mm, feed motion via step motor
Temperature	From +5° to +40°C
Max humidity	80% related to temperatures up to 31°C with linear decrease up to 0% of 40°C
Performed heating	17BTU/hr
Vertical stroke	70 mm
Sectioning stroke (only for AUTO)	Manual, automatic (single, multi, continuous), rock mode, Dynamic control pedal (Normal and Safe)
Specimen orientation	Horizontal: 8° (X), Vertical: 8° (Y) Rotation: 360°
Maximum sample size (WxD)	Standard object clamp: 55x50 mm
Retraction Manual cutting	5-100 $\mu$ m in 5 $\mu$ m increments (can be turned off)
Retraction Motorized cutting	10-70 $\mu$ m, according to cutting speed (can be turned off)
Speed advance	0 – 1200 $\mu$ m/s
Nominal supply voltage	230 V +/-10% - 110 v +/-10%
Power consumption	200VA
Certification	CE -IVE- cTUVus
Dimensions (WxDxH)	400x675x350 mm (approximately)
Weight	40 kg

## Product Gallery

