

# Benchtop Cryostat MTC

The space-saving design as perfect alternative to a floor standing model

Weight and Dimensions	Depth x Width x Height	
Dimensions (in mm)	700 x 550 X 470	
Dimensions packed (in mm)	820 x 670 x 540	
Floor area (in mm)	500 x 550	
Weight net	77 kg	
Weight packed	92 kg	
Electrical parameters	Art.-No. 1014000	230 V / 50 Hz
	Art.-No. 1014100	230 V / 60 Hz
	Art.-No. 1014200	115 V / 60 Hz
	Art.-No. 1014300	100 V / 50 Hz
	Art.-No. 1014400	100 V / 60 Hz

Please ask for other units for Histopathology and consumables as well as laminar flow equipment.

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Optional available with height adjustable support



Floorstanding Cryostat MEV



Fully automatic Cryostat MNT

Specifications are subject to change without notice)

## Benchtop Cryostat MTC

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Microtomes

Cryostats

► MTC

MEV

MNT

Paraffin

Embedding Centers

Tissue processors

Stainers

Cover slipper

Knife sharpener

Floating bath

Slide warmer

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For use in histology/pathology and research laboratories. Designed utilising the latest ergonomic and technical ideas with special attention to hygiene and ease of handling.

- ▶ Full rotary microtome for use of a standard knife holder or disposable blade holder (exchangeable)
- ▶ 6 specimen preparation positions, 4 of these additional with integrated heat extractor
- ▶ Orientation of specimen holder in three planes
- ▶ Viewing window consists of dual insulation glass, frost-free
- ▶ Space-saving design – benchtop model with all features of a floor standing model
- ▶ Access for maintenance simple due to cabinet design
- ▶ Servicing costs minimal due to drive assembly and cooling unit design
- ▶ Easily transportable, this unit can be used at several locations
- ▶ Clear electronic control for chamber temperature, automatic defrost and light, power-saving weekend mode
- ▶ With real time clock
- ▶ Fully adjustable automatic defrost, also several times per day
- ▶ Optional:
  - UV-C disinfection
  - Height adjustable support



1. Electronic control with foil pad operation and LED display
2. External hand wheel
3. Compact cooling unit
4. Frost-free insulation glass
5. Rim-heating system for insulation glass
6. Hand wheel lock, ideally positioned
7. Drive unit coarse advance

Technical Data	
Cooling Capacity	to -40°C
Section thickness range	0 – 25 µm in 1 µm steps
Specimen holder	22 or 35 mm dia. with rubber surround for handling comfort
Specimen support	manually orientable
Vertical stroke	52 mm
Horizontal specimen advance	25 mm



1. Anti-roll assembly
2. Knife carrier
3. Standard knife holder (for steel- or hard metal knives) or disposable blade holder
4. Object orientation: XY-Axes 8°, Z-Axes 360°  
Specimen holder 22 or 35 mm dia. with rubber surround for handling comfort
5. Integral knife guards
6. Six specimen preparation positions