

Floorstanding Cryostat MEV

The floorstanding model
exceptional value for money

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Weight and Dimensions	Depth x Width x Height	
Dimensions (in mm)	680 x 600 x 1130	
Dimensions packed (in mm)	830 x 720 x 1330	
Weight net	110 kg	
Weight packed	170 kg	
Electrical parameters	Art.-No. 1015000	230 V / 50 Hz
	Art.-No. 1015100	230 V / 60 Hz
	Art.-No. 1015200	115 V / 60 Hz
	Art.-No. 1015300	100 V / 50 Hz
	Art.-No. 1015400	100 V / 60 Hz

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



Benchtop Cryostat MTC –
optional with height adjustable support



Fully automatic Cryostat MNT

(Specifications are subject to change without notice)

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The model MEV features convenient operation and a modern rotary microtome. The space-saving design still has a large stainless steel chamber, an effective freeze bar with 24 positions and a chamber temperature to -35°C .

- ▶ Modern rotary microtome with motorised μm advance/return and coarse advance for use of standard knife holder or disposable blade holder (exchangeable)
- ▶ New anti-roll unit with large anti-roll plate
- ▶ Viewing window consists of dual insulation glass, frost-free
- ▶ Clear electronic control for chamber temperature, automatic defrost and led-light with real time clock, with power-saving weekend mode
- ▶ Fully adjustable automatic defrost, several times per day possible
- ▶ Optional:
 - Peltier shock-freezing to -55°C (2 positions)
 - UV-C disinfection
- ▶ Low temperature storage area for 24 specimen holders

Technical Data	
Cooling Capacity	to -35°C
Section thickness range	0 – 2 μm in 0,5 μm steps 2 – 20 μm in 1 μm steps 20 – 50 μm in 2 μm steps 50 – 100 μm in 5 μm steps
Trimming adjustable	from 0 – 300 μm , free programmable
Specimen holder	22 or 35 mm dia. with rubber surround for handling comfort
Specimen support	orientable in 3 planes, XY-Axes 8° , Z-Axes 360°
Vertical stroke	57 mm
Horizontal specimen advance	28 mm

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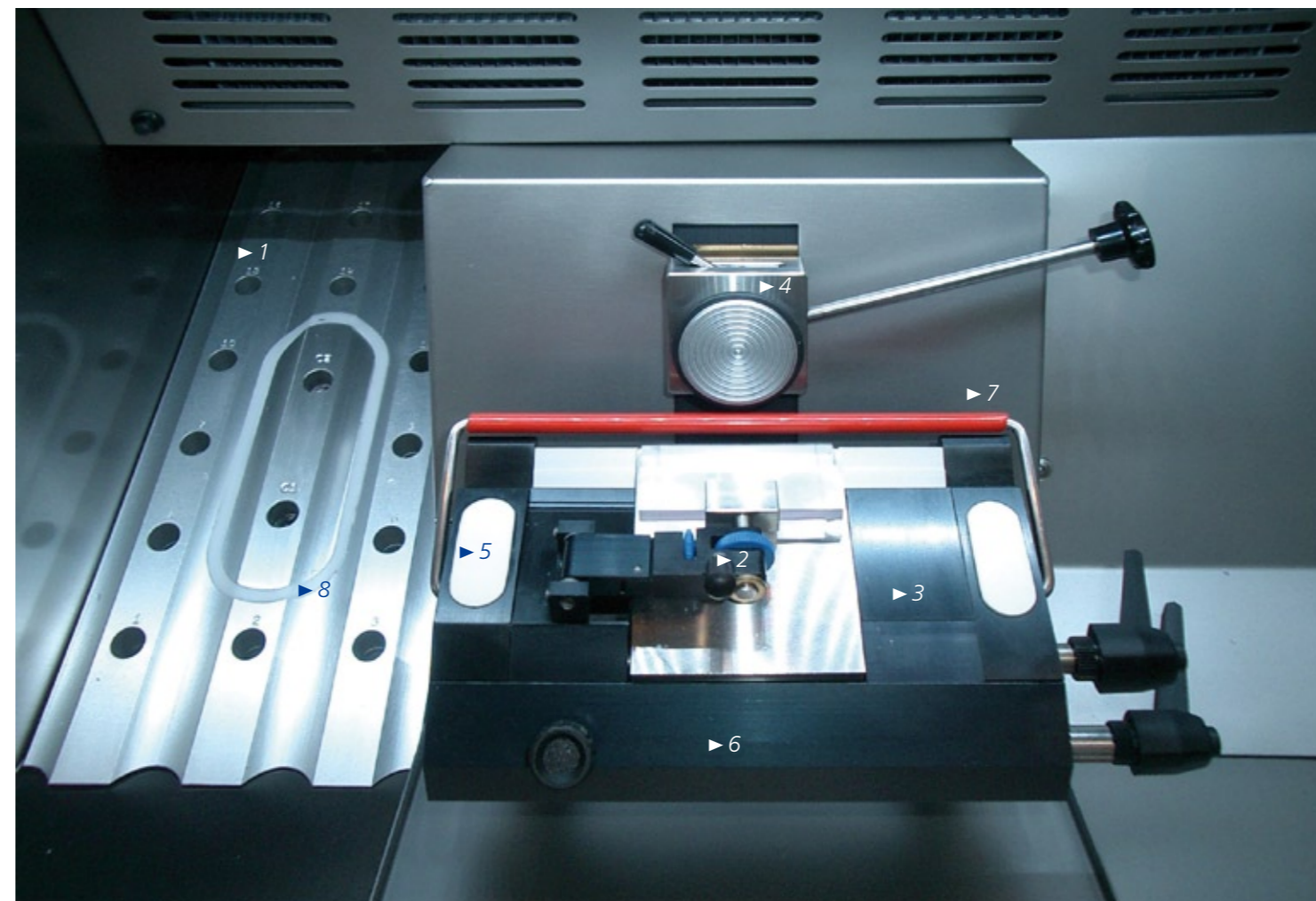


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1. Electronic control with foil pad operation and LED display
2. Key control for section thickness adjustment etc.
3. Compact, reliable cooling system with CFC-free cooling gas R 404 A
4. Handwheel
5. Frost-free insulation glass
6. Rim-heating system for insulation glass
7. Hand wheel lock, ideally positioned
8. Large chamber with drain for hygienic cleaning



1. 24 freezing positions to -45°C
2. Anti-roll assembly
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. Plastic freeze protection for comfortable operation
6. Knife holder base
7. Integrated finger protection
8. Peltiercooling to -55°C