

Product Specification

SLEE medical



Product:	MTC
Art.No.:	10140000
Commodity Code:	90279010

Highlights

- High-precision rotary microtome
- 6x Specimen preparation positions
- Orientation of specimen holder in three planes
- Space-saving design
- Easily transportable
- Automatic defrost
- UV-C disinfection (optional)

Standard Accessories

- Basic instrument with manual rotary microtome
- Operation manual
- Object holders (5x Ø 22 mm; 5x Ø 35 mm)
- 1x Heat extractor
- 1x Rack for object holders (stainless steel)
- 1x Brush
- Anti-roll plate, ready to use
- 1x Bottle cryostat low temperature oil
- 1x CryoGlue embedding medium (4x 125 ml)
- 1 Box of disposable blades (50 pcs.) or 1 steel knife (12 cm C-profile)
- Set of allen keys
- Operation manual
- Mains cable

SPECIFICATIONS

Nominal supply voltage:	230 V AC +/- 10%
Nominal frequency:	50 / 60 Hz
Power draw:	600 VA
Protective class:	(1) I
Power fuses:	2 * T 6,3 A
Pollution degree:	(1) 2
Overvoltage installation category:	II
Maximum heat emission:	600 J/s
Operating temperature range:	+10 °C to +35 °C
Temperature range during storage:	+5 °C to +55 °C
Relative humidity:	max. 80% non condensing
Humidity during storage:	< 8%
<small>(1) According to IEC 1010, EN 61010</small>	
Cryochamber	
Material:	Stainless steel
Dimensions [W x D x H]:	360 x 400 x 230 mm
Illumination:	LED
UV-C disinfection (optional):	254 nm Programmable, Safety sensors
Specimen preparation positions:	6x positions, chamber temperature
Section/Trimming thickness selection :	0 – 10 µm in 1-µm-steps 10 - 25 µm in 5-µm steps
Horizontal specimen advance:	25 mm
Vertical specimen stroke:	52 mm
Coarse Feed:	Manual, by right handwheel
Specimen orientation, horizontal:	8°
Specimen orientation, vertical:	8°
Specimen orientation, z-axis:	360°
Cooling time RT to -25°C:	approx. 3 h
Cooling time to -35°C	approx. 6 h
Refrigeration capacity:	640 W
Refrigerant:	R 404 a
Automatic Defrost:	automatic hot gas defrosting, temperature and time controlled manual defrosting on demand
Dimensions and weight [W x D x H]:	550 mm x 730 mm x 470 mm
Weight [w/o accessories]:	77 kg

Optional Accessories

Standard Knife Holder, Art.No.: #10146000

Disposable Blade Holder (low profile), Art.No.: #10147000

Disposable Blade Holder (high profile), Art.No.: #10148000

UV disinfection, Art.No.: #10169000

Object holder (Ø 22 mm), Art.No.: #30000002

Object holder (Ø 35 mm), Art.No.: #30000000

Cork plate (100 pcs.; Ø 20 mm), Art.No.: #30001001

CryoGlue embedding medium (4x 125 ml), Art.No.: #30001100

clear-cut Brush, Art.No.: #30001030

Anti-roll plate, Art.No.: #30001006

Disposable blade (low profile; 50 pcs.), Art.No.: #28407000

Disposable blade (high profile; 50 pcs.), Art.No.: #28408000

Freezing spray (173 g), Art.No.: #30001010

Cryostat low temperature oil (50 ml), Art.No.: #30001011

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