

Histo Line MC 4000 is a semiautomatic rotary microtome cryostat , dual compressor with UVC lamp decontamination and automatic defrosting. MC 4000 is provided with disposable blade holder cooled with separate freezing circuit , anti roll device and adjustable cutting angle. Easy to operate, all function are settable through keyboard. The motorized coarse feed control is accessible through a separate control panel.

Technical Specifications

Section thickness setting:	1-60 µm
	0-10 µm in 1 µm increments
	10-20 µm in 2 µm increments
	20-60 µm in 5 µm increments
Maximum specimen size:	50x70 mm
Horizontal specimen feed:	28 mm
Vertical specimen stroke:	59 mm
Specimen orientation :	8° (x,y,z axis)
Trimming:	motorized coarse feed
Motorized coarse feed:	2 speeds
	Rapid: 0,8mm/sec
	Slow: 0,2 mm/sec
Cooling capacity:	
Temperature setting range:	0°C to -35°C
Cooling down time to -35°C:	appr. 4 hours
Chamber defrosting:	programmable or manual
	1 automatic defrosting cycle / 24 hour duration : 9 min.
Freeze shelf temperature:	-40°C
Nominal supply voltage:	220 V / 50 Hz 110 V / 60 Hz
Maximum power draw:	450 VA
Dimension:	
Width (excluding handwel) :	705 mm
Width (including handwel)	760 mm
Depth	640 mm
Height:	1115 mm
Weight:	152 Kg.



MC 4000

Microtome Cryostat Dual Compressor
UVC lamp Decontamination
Automatic Defrosting



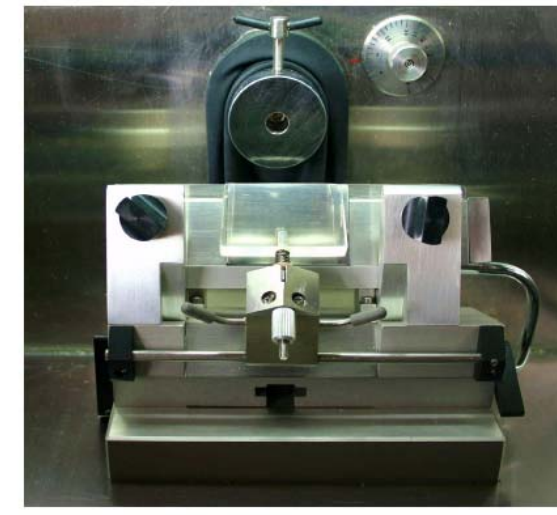
MC 4000

Semi-automatic Rotary Microtome Cryostat-Dual Compressor
UVC Lamp Decontamination -Automatic Defrosting



Spacious stainless steel Cryochamber

Easily accessible through the sliding door for a convenient specimen process. The freezing shelf contains eight specimen's holders, the separate cooling system allows extremely fast freezing down. The UVC lamp allows decontamination of the working chamber.



Disposable blade holder

with adjustable cutting angle suitable with half disposable blades. The anti-roll device is integrated. Actively cooled quick freeze for knife.

Ergonomic coarse feed panel

The motorized, two speed, coarse feed control is positioned on the left of the surface for an easy forward and backward of specimen.

Table and knife rapid freeze

Actively cooled quick freeze shelf and knife

Easy to operate Control Panel and Display

All functions are easily settable and programmed through the control panel and monitored on the wide display

Main characteristic

- Two speed motorized coarse feed
- Automatic and manual defrosting
- UVC lamp decontamination
- Actively cooled quick freezing shelf and knife
- Illuminated cryochamber
- Easy access control panel
- Enclosed drainage system
- Anti-roll device
- Holder for standard knife and disposable blades with adjustable cutting angle.
- Quick specimen freezing
- Compact dimensions
- Cabinet on roller
- Ergonomic design



Histo-Line
Laboratories