Microtomy System

Technical Data Sheets

MC 4000 Microtome Cryostat



Histo-Line Laboratories



Technical Parameter

Approvals.....CE IVD
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:.....10 mm
Vertical specimen stroke:.....45 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:	850 VA

Dimension:

Width (excluding handwel) :	660 mm
Width (including handwel)	760 mm
Depth	640 mm
Height:	1130mm
Weight:	125 Kg.

NB: Specifications are subject to change without any prior notice

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MC 4000 Microtome Cryostat Dual Compressor
UVC Lamp Decontamination Automatic Defrosting

Function and characteristic:

- Motorized drive.
- Chamber temperature down to –30°C
- Dual Compressor unit for rapid freezing down to –50°C
- Automatic and manual defrosting
- The cutting and trimming function can be finished by the control system.
- Holder for disposable blades with adjustable cutting angle
- Anti roll device
- The hand wheel can be locked at any position, so as to ensure the safety of the operation.
- Switch arbitrarily between section and trimming.
- Intuitive control panel
- Section thickness totalize and section counter
- New blade holder with finger safe
- Wide range of accessories
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Standard delivery:

Standard delivery include:

- 1 MC 4000 basic instrument
- 1 section waste tray
- 1 disposable blades holder
- 5 Specimen discs
- 1 Heater extractor
- 1 operating manual
- 1 box of 50 disposable blades

