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Semi-automatic Cryostat Microtome

Model: CCL900B



Features:

Model CCL900B Semi-automatic Cryostat Microtome, is a rapid pathological section instrument to human and animal body tissues. Its can be applied to hospitals, universities, research organizations and laboratories involving multiple fields such as biomedicine, life science, agriculture and forestry, health care, disease control and prevention, animal husbandry, and veterinary medicine.

The instrument mainly consists of 4 parts:

1. The computer controlled panel is on the upper part to display the temperature and the working condition of the instrument.
2. The center part is the constant low temperature room to rapidly freeze the vivid tissue and to conduct the cutting area.
3. Behind is the mechanical transmission and motor drive.
4. The lower part is the compressor unit for cooling.



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Main Technical Specifications:

Section thickness range:	1-100μm Adjustable , 1-20μm , Increment: 1μm; 20-40μm, Increment: 2μm; 40-100μm, Increment: 5μm;
Trimming thickness range:	10-400μm Adjustable, 10-50μm , Increment: 5μm; 5-100μm , Increment: 10μm; 100-400μm , Increment: 50μm;
Specimen retraction:	0-95μm Adjustable , Increment: 5μm
Horizontal stroke:	20mm
Vertical stroke:	60mm
Voltage:	AC 220V ± 22V
Frequency:	50Hz ± 1Hz;
Power:	600W
Largest start-up current (5 second)	45A
Chamber temperature:	-10℃ ~ -40℃ Adjustable
Freezing shelf temperature:	≤ -45℃
Number of freezing station:	26
Pelletier number:	2
Refrigerant:	R404a, 300 ± 10g
Compressor oil:	0.6L EMKARATE RL-22S, ICI
Working noise:	52dB(A)
Dimension size(mm):	660x640x1150; 135kgs