

HISTOLOGY FREEZE PLATES



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Histology Freeze Plate is a scientific instrument that is used for cutting thin to semi-thin sections of fresh, frozen tissues. It has a stage for the fixation of the tissues. Once the tissue is fixed, it is frozen by low-temperature recirculating coolant mainly liquid carbon dioxide which hardens the tissues by freezing them. Further, these tissues are cut into sections by microtome. They are mainly used in pathological laboratories.

Used in Pathology, Cytology, Histology, Clinical Study Trials, Tracking of specimens.

Also known as Fast Freezing Machine.

LTHIS14-1 HISTOLOGY FREEZE PLATE

Adopts high-power semi-conductor freezing system and advanced material.

LCD shows setting and current temperature, self-temperature control, self-protection systems and defrosts function etc.

Fast freezing machine connecting to the microtome is used to cut fresh-frozen tissue.



SPECIFICATIONS

Model	LTHIS14-1
Pre-setting temperature range	Ambient ~ -55 °C
Maximum temperature range for Cryo-plate	≥ 60 °C
Maximum temperature range for Cryo-probe	≥ 50 °C
Maximum size of Cryo-plate	45x40 mm
LCD Display	Pre-setting and real temperature
Section angle between Cryo-knife and section blade	60 degree
Dual function section	Freezing and paraffin use
Working Voltage	AC220V±10%50Hz (standard model), AC110V±10%60Hz
Power	25W
Dimensions	450×300×320 mm
Net Weight	10 kg



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