Sakura Tissue-Tek Cryo3 Flex Cryostat, current model

w 3D Precision Chuck: Obtain complete sections faster. Retains position when locked and unlocked. Quick and precise fine angle adjustments on all 3 axes (XYZ)

Rating: Not Rated Yet
Price
Sales price $13,500.00

Ask a question about this product

Description
The 3rd generation of the established, reliable and trusted Cryo3 platform for fast sectioning of frozen tissue specimens. It was designed to decrease the time to get complete sections, and in parallel to preserve valuable tissue. Produces superior sections from 1 to 99 microns using a temperature-controlled blade holder and a 3D Precision Chuck to accurately align the block face to the blade, reducing operator's trimming time and preserving specimens.

3D Precision Chuck: Obtain complete sections faster. Retains position when locked and unlocked. Quick and precise fine angle adjustments on all 3 axes (XYZ)

1" Travel distance: Cut thicker specimens

Utility Tray with storage space: Store up to 32 specimen holders in the chamber to keep as many blocks frozen for immediate recuts

2 Optional Ergonomic Handles: Section more comfortability. Help prevent Repetitive Motion Disorder (RMD)

Anti-Roll Rake: Prevent sections from rolling

Specifications:
Dimensions: 25.8 (W) x 29.7 (D) x 47.0 (H) inches; 65.4 (W) x 75.4 (D) x 119.4 (H) cm
Weight: 373 lbs (169.2 kg)
Power requirement: 115/120 VAC, 50/60 Hz, 11 A
The instrument must be connected to an electrical outlet which supplies the proper voltage (within ± 10%)
Data interface: USB and LAN
Chamber temperature set point range: -35°C to 0°C; Chamber temperature is maintained within ±2°C
Cryo+ temperature: When activated Cryo+™ is 20°C lower than the Chamber temperature, within 5 minutes. Lowest Cryo+™ temperature is -50°C
Section thickness settings: 1 to 99 microns in 1 micron steps
Maximum specimen thickness: 25 mm
Trimming range: 1 to 100 microns in 1 micron steps
Specimen Holder sizes: Round 26 mm, 36 mm, 55 mm
(all including an alignment mark on the shaft)
Specimen orientation: ±8° (XY axis), 360° (Z axis)
Chuck3D Precision: Chuck secures the Specimen Holder to the Microtome. Dial indicators show the exact angle of the Chuck. The guide marks show the exact orientation of the Specimen Holders in the Chuck
Travel range:

Vertical: 2.5 inches (63.0 mm)
Horizontal: 1.0 inch (25.4 mm)
Defrost cycle:

Manual start: defrosts the Chamber within 30 minutes, when activated
Automatic start: defrosts the Chamber within 1 hour; start time can be set within a 24 hour period

Comes with our 90-day warranty.

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