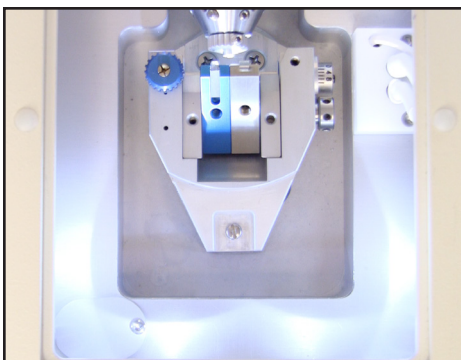


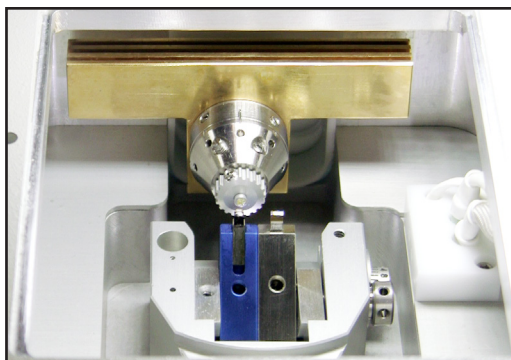
New LN-Ultra Cryosectioning System for Advanced Cryo Applications

Advanced Cryosectioning system with high stability temperature control for demanding cryo sectioning applications including:

- CEMOVIS
- Tokuyasu technique for cryo immuno labeling
- Sectioning and cryo planing co-polymer structures and nano-bio materials



Advanced design,
thermally stable cryochamber



New specimen arm design with
high performance heat exchanger

FEATURES

- ◆ Dual control:- PC with 21.5" touchscreen monitor plus digital tactile controllers
- ◆ Optional HD video with USB camera
- ◆ Multiple knife holders for variety of diamond and glass knives and trim tools
- ◆ Rapid trim to ROI
- ◆ Insulated and externally heated cryo chamber
- ◆ Advanced design, high thermal stability cryo chamber
- ◆ 12 liter capacity table-top LN₂ Dewar
- ◆ Temperature range +35C to -180C

SPECIFICATIONS

Temperature Range	+35C to -180C
Models Available	PT-PC
LN₂ Delivery System	Table-top 12 liter Dewar Efficient non-contact transfer line
Knife Holders	Standard holders include: Dual glass knife holder with trimming tool Diamond knife holder with trimming tool 12mm wide glass knife holder with trimming tool Diamond Knife, Glass Knife, Side by Side
Knife Control	External knife rotation control knob External lateral movement knob Knife clearance angle easily adjusted while cold
Control Unit	Compact design can be conveniently positioned on tabletop or on top of the PT-XL controller Microprocessor control with 4 user-adjustable programs for knife and specimen temperatures LED displays of knife and specimen set temperatures, and actual temperature readings User controllable LN ₂ boil-off rate for frost prevention Warm cycle quickly brings cryochamber back to room temperature.
Cryochamber	Quickly installs on ultramicrotome stage Largest opening design for easy access to specimen Fastest cool down times available Easy removal for quick return to normal sectioning Internal chamber illumination via bright LED's LED backlighting Heated chamber walls to eliminate condensation
Accessories	Supplied with a complete accessory kit including: Knife Spacers, Flat Specimen Holder, Specimen Pin Holders, Specimen Pins: 2, 3 and 6.5mm, Cryo Tools Knife Holder Retrieval Tool