



The Most Cost Effective, Compact, User Friendly, Cryosectioning System Available

This is the most innovative cryosectioning attachment in history. Features like the “through the wall” arm, vibrationless LN₂ delivery, and four temperature presets are now standard in the industry. Still the leader in convenience and performance.

- ◆ Excellent thin section quality.
- ◆ Mounts and dismounts on almost any ultramicrotome in seconds.
- ◆ Holds two glass or diamond knives and trimming tool.
- ◆ Quick set-up and conversion back to room temperature ultramicrotomy
- ◆ Heated chamber walls to eliminate condensation

Fits most modern ultramicrotomes:

- ◆ RMC Models: PowerTome-X, PowerTome-XL and PowerTome-PC (older models: MT-X and MT-XL)
- ◆ Leica Ultracut UCT, E, R, S, and T

FEATURES

- ◆ Four user-adjustable temperature programs
- ◆ Efficient cryogenic design with lowest LN₂ consumption
- ◆ Quick set-up and conversion back to room temperature ultramicrotomy
- ◆ Nine liter Dewar fits on table-top, yet provides LN₂ for a whole day's use
- ◆ Compatible with most modern ultramicrotomes
- ◆ Precision microprocessor temperature control from +35C to -180C

SPECIFICATIONS

Temperature Range	+35C to -180C
Models Available	All RMC Products Ultramicrotomes (PT-X, PT-XL, PT-PC, MT-X, and MT-XL) Leica Ultracut UCT, E, R, S and T
LN₂ Delivery System	Compact 9 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 PT-X or PT-XL controllers 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