

The Shandon Cryotome FSE and FE cryotomes continue the Thermo legacy of leading the way in cryotome technology. The new Shandon Cryotome FSE and FE have been designed based on your requested needs.

Adapts to User Expertise - Ease of Use

- Simple, intuitive touch-screen for easy instrument operation
- Colour-coded, quick release cryocassettes
- Easy-to-use anti-roll plate ensures high-quality sections
- Glass and plastic anti-roll plates are available
- Automatic defrost
- Automatically lighted chamber aids in specimen viewing
- Heated window promotes frost-free viewing
- Multi-language display
- Convenient help-screen menus for all errors make trouble-shooting easy
- Specimen holder can be rotated 360°

Peace of Mind

- Dual compressor system to ensure that system is cool
- Remote alarm
- Security code protection

Faster Specimen Turn-Around Time

- Cryobar cools to -55°C with cryoboost
- Cooled specimen holder for better cutting (FSE model only)
- Unit cools from ambient temperature to use in <1 hour
- Quick-heated specimen release

Ergonomics

- Large chamber for easy access and maneuvering
- Flexible and adjustable tray layout to fit user needs
- Rounded exterior edges for user comfort
- Adjustable footrest provides greater comfort
- Raised cutting area eliminates back strain

Safety and Security

- Blades do not have to be touched by a technician for lateral adjustments
- Automated fumigation for biohazardous materials
- Multi-level password protection prevents unwanted protocol alterations and entry into the system
- Window locking mechanism places a barrier between the user and specimen
- Positive locking mechanism for the flywheel
- Microtome outside the cryochamber results in better cooling, increased technician safety and ease of decontamination
- CFC-free refrigerant and foam insulation



New Knife Holder

Lateral movement of blade holder eliminates need to unclamp and re-clamp blade. Colour coded levers identify lever functions.

Specifications

Model

Refrigeration

Cryochamber
Cryobar
Specimen Head (FSE only)

Cryotome FSE/FE

0°C to -35°C or colder
0°C to -55°C or colder (with boost facility)
0°C to -40°C (within ± 10°C of chamber temperature)

Microtome

Section Thickness Adjustment
1 to 20 µm in 1 µm steps
20 to 60 µm in 5 µm steps
Total Horizontal Specimen Advance
25 mm
Cutting Stroke
57 mm
Trim Wheel
8 µm indents
Motorised Coarse Advance
1 mm/ sec
Specimen Retraction
Standard

Physical Specifications

External Dimensions H x W x D
1,250 x 705 (+ 120 for handle) x 745 mm
49.2 x 27.8 (+ 4.7 for handle) x 29.3 in
Working Height
1050 mm, 41"
Weight kg
125



Anatomical Pathology

Shandon Cryotome® FE and FSE

Thermo
ELECTRON CORPORATION

Ordering Information

Cat No.	Description	Power Requirements
A78900002	Shandon Cryotome FE	115V, 60Hz
A78900001	Shandon Cryotome FE	230V, 50Hz
A78900004	Shandon Cryotome FSE	115V, 60Hz
A78900003	Shandon Cryotome FSE	230V, 50Hz

Accessories

Cat No.	Description
A78910032	Disposable Low Profile Holder with Glass ARP (4 useable edges)
A78910033	Disposable High Profile Blade Holder with Glass ARP (4 useable edges)
TBA	Solid Knife Holder with Glass ARP (4 useable edges)
TBA	Plastic Anti-Roll Plate
A78910031	Specimen holder (Cryocassettes) (available in 6 colours)
A78901116	Orientation head with quick release specimen clamp

