



MANUAL CRYOSTAT MICROTOME

FREESE-CUT-M-24

Design, Development & Manufacturing of Histopathology Laboratory Instruments.



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MANUAL CRYOSTAT MICROTOME

FREESE-CUT-M-24

Manual Cryostat Microtome (**FREESE-CUT-M-24**) precision-engineered system for accurate frozen tissue sectioning, offering reliable performance, smooth operation, and consistent results for histopathology and research laboratories.



KEY FEATURES

Precision & Motion Control

- High-precision specimen feed mechanism
- Smooth handwheel operation for accurate sectioning
- Stable and vibration-free cutting performance
- Adjustable section thickness control
- Consistent and repeatable tissue sections

Advanced Features

- Precision-engineered cutting mechanism
- Enhanced sectioning accuracy and consistency
- Quick and easy specimen adjustment
- Reliable performance for demanding laboratory use

Ergonomics & Efficiency

- User-friendly ergonomic design
- Smooth and effortless manual operation
- Quick specimen handling and adjustment
- Efficient workflow for rapid sectioning
- Comfortable controls for extended use

Safety & Stability

- Integrated safety locking system
- Stable and durable construction
- Anti-vibration operation for precise cutting
- User-safe blade handling design
- Reliable performance for continuous use

Technical Feature & Control

- Precision micrometer feed system
- Adjustable section thickness range
- High-stability specimen holder
- Low-maintenance mechanical design

Tooling & Versatility

- Compatible with various blade types
- Versatile specimen handling options
- Adjustable specimen orientation
- Suitable for multiple tissue applications
- Flexible operation for routine and research use

**PRECISION IN EVERY
SECTION IN EVERY RESULT**
Engineered for Accuracy. Built for Reliability.



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TECHNICAL SPECIFICATION	
Section Mode	Manual.
Minimum setting value	1 μ m
Specimen feed	Precision manual feed system
Specimen orientation	x- and y-axes : universal 8°
Cryo chamber Temperature	-1 to -40°C Adjustable
Cooling down time to -40°C	2 to 3 hours
Vertical Stroke	65 mm
Object/Horizontal feed	25 mm
Blade Holder	Compatible with standard disposable blades
Operating Temperature	Up to -30°C
Nominal Volatage	220-240V AC, 50/60 Hz





ACCESSORIES

1. OPERATING MANUAL - 1 NO
2. BRUSH- 3 NOS ASSORTED
3. BLOCK- 12 NOS
4. STABILIZER- 1 NO
5. OCT BOTTLE- 1 NO
6. WASTE BOTTLE- 1 NO
7. SCREW DRIVER- 1 NO
8. DISPOSABLE BLADE- 1 PKT (PACK OF 50 BLADES)



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