



# FULLY AUTOMATIC ROTARY MICROTOME TOUCH

**FINE-CUT-T-24**

*Design, Development & Manufacturing of Histopathology Laboratory Instruments.*



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# TOUCH

## FULLY AUTOMATIC

# ROTARY

# MICROTOME

### FINE-CUT-T-24

Fully Automatic Rotary Microtome Touch (**FINE-CUT-24**) is high-precision laboratory instrument designed for cutting thin and uniform tissue sections for histopathology and research applications. Ensures smooth operation, accurate sectioning, and reliable performance for routine laboratory use. User friendly 7 inch Touch Screen.



## KEY FEATURES

### Precision & Motion Control

- **7 inch touch screen**
- Micron-level digital thickness control
- X-Y movement with 360° specimen orientation
- Zero-point alignment for consistent sectioning
- Motorized specimen advance reduces fatigue
- **Adjustable Cutting speed control**
- **Multiple speed for different tissue types**
- **Single / Double section & Continuous section mode.**

### Safety & Stability

- **Emergency brake for instant stop & safety**
- Quick-response, easy-access control
- Prevents accidental movement & damage
- Advanced force balance for stability
- Multi-position handwheel safety lock
- End-of-travel limit sensing alarms
- Heavy-duty, rust-proof, vibration-free chassis

### Ergonomics & Efficiency

- Ergonomic coarse feed wheel for comfort
- Silent retraction for low-noise operation
- High-quality sections for H&E, IHC & molecular use
- Smooth, reduced-force handwheel

### Tooling & Versatility

- Vibration-free blade holder (high & low profile)
- Adjustable blade angles for precision cutting
- Supports standard & universal cassette clamps

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



## TECHNICAL SPECIFICATION

|                                 |  |
|---------------------------------|--|
| Section Mode                    | Manual, Fully or via Foot pedal.   |
| Controller                      | <b>7 inch touch display</b>  |
| Setting Value                   | 1 µm to 10 µm in 1 µm increments<br>10 µm to 20 µm in 2 µm increments<br>20 µm to 100 µm in 5 µm increments<br>100 µm to 200 µm in 10 µm increments<br>200 µm to 500 µm in 50 µm increments. |
| Minimum setting value           | 0.5 µm   |
| Section Thickness Range         | 0.5 µm - 100 µm  |
| Trimming thickness range        | 1 µm to 60 µm.   |
| Specimen feed                   | Approx 24 mm +/- 1 mm  |
| Specimen size                   | large standard clamp- 50*50*30 mm or super standard clamp- 68*48*15 mm   |
| Specimen orientation            | Horizontal- 8°, vertical- 8°, Z-360°   |
| Specimen retraction rang        | 5-100 µm in 5 µm increment (can be turned off).  |
| Vertical Stroke                 | 70 mm +/- 1 mm   |
| Object/Horizontal feed          | 30 mm  |
| Storage temperature range       | -20°C up to +50°C  |
| Operation condition temperature | +5°C to +40°C indoor only  |
| Nominal Volatage                | 100/120/230/240V A/C +/- 10%.  |





## ACCESSORIES

1. Brush- 3 nos assorted
2. Tray- 1 no
3. Disposable blade- 1 Packet
4. Dust cover- 1 no
5. Embedded ring- 12 nos
6. Embedded cups-3 nos (small, medium, large) each
8. Screw Driver- 1 no
9. Alkey- 4 nos assorted
10. Lead-1 no
11. Fuse- 2 nos
12. Operating Manual - 1no



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