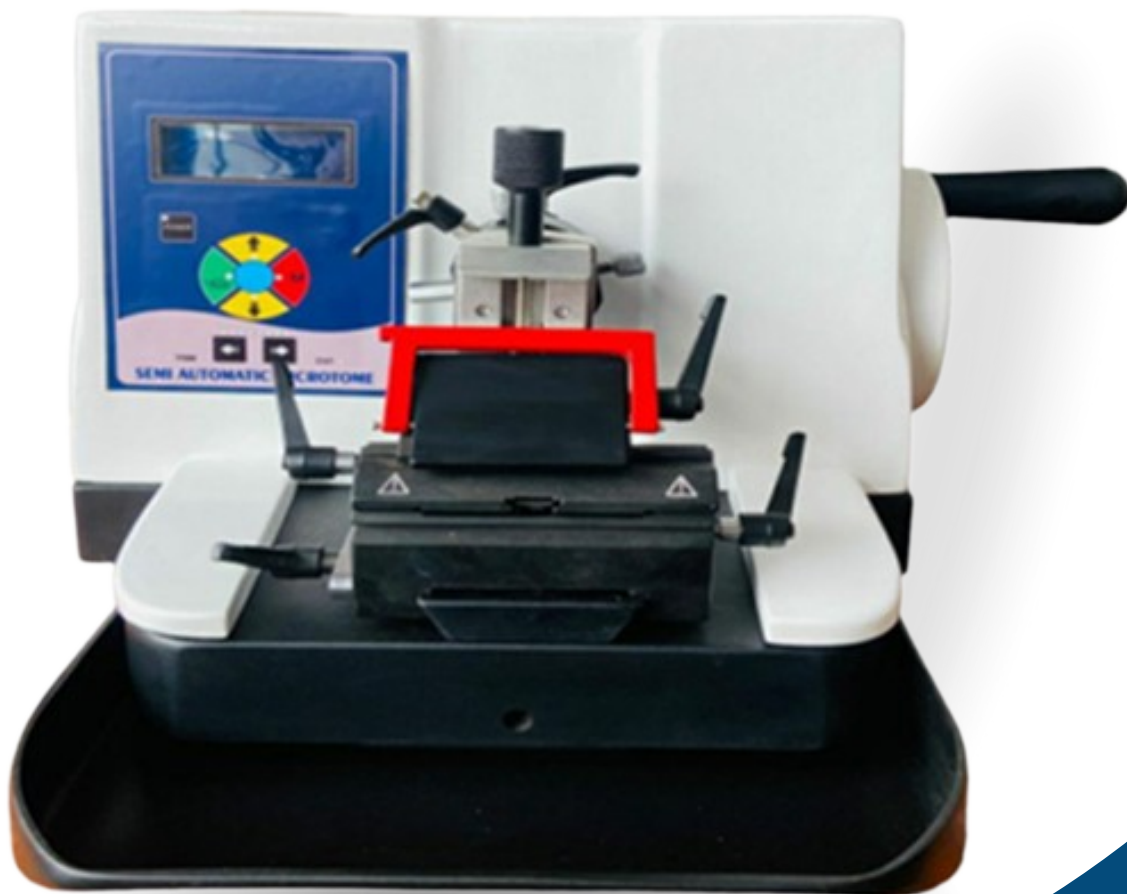
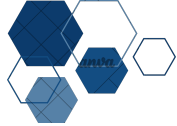




SEMI AUTOMATIC ROTARY MICROTOME

TRUE-CUT-24

Design, Development & Manufacturing of Histopathology Laboratory Instruments.



9034999314



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ipihisto.com



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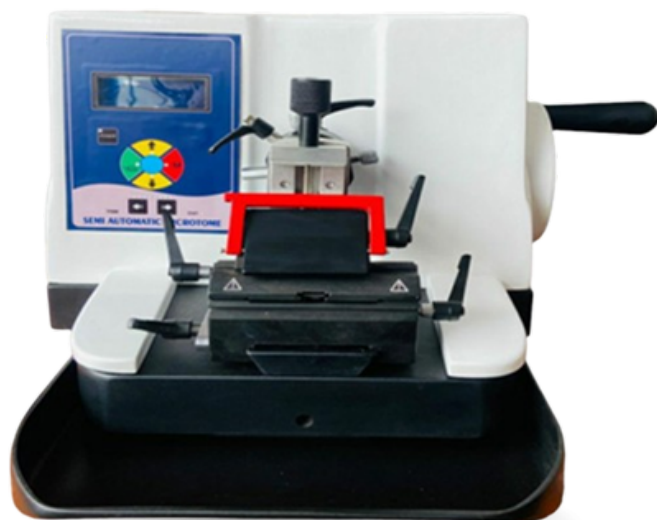




SEMI AUTOMATIC ROTARY MICROTOME

TRUE-CUT-24

Semi Automatic Rotary Microtome (**TRUE-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.



KEY FEATURES

Precision & Motion Control

- Dual-Mode Processing: Seamlessly toggle between Precision Cutting and Rapid Trimming to optimize sample preparation.
- Micron-Level Digital Control: Ultra-fine adjustment to increase or decrease section thickness with absolute repeatability.
- Advanced Motion Control: Cross-roller guideways paired with X-Y axis movement and full 360° specimen orientation.
- Zero-Point Alignment: Features a fine-tuning interface and a mechanical zero-reference point for consistent sectioning.
- Motorized Specimen Advance: Eliminates manual inconsistencies and significantly reduces operator fatigue..

Ergonomics & Efficiency

- Personalized Coarse Feed: Ergonomically designed wheel for high-volume comfort and tactile responsiveness.
- Silent Retraction: Engineered for ultra-quiet operation, minimizing laboratory noise during prolonged use.
- High-Quality Sectioning: Produce reliable paraffin sections for H&E, immunohistochemistry, and molecular analysis.
- Reduced-Force Handwheel: Ultra-smooth mechanical rotation designed to minimize repetitive strain

Safety & Stability

- Advanced Force Balance: A unique stabilization system counteracts the object head weight to prevent accidental shifts or injury.
- Universal Safety Lock: Enhanced security with a multi-position handwheel lock that secures the wheel at any point.
- Limit-Sensing Alarms: Automated safety alerts provide a clear indication when the specimen reaches the end-of-travel position.
- Heavy-Duty Chassis: A robust, reinforced base plate with rust-proof construction for maximum stability and vibration dampening.

Tooling & Versatility

- Vibration-Free Blade Holder: Stabilized system compatible with both high-profile and low-profile disposable blades.
- Precision Blade Geometry: Fully adjustable knife angles to ensure the perfect attack angle for various material hardness.
- Flexible Clamping: Supports both Standard and Universal cassette clamps for diverse specimen types.

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



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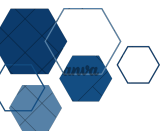


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TECHNICAL SPECIFICATION	
Section Mode	Semi Manual.
Setting Value	1 μ m to 10 μ m in 1 μ m increments 10 μ m to 20 μ m in 2 μ m increments 20 μ m to 100 μ m in 5 μ m increments 100 μ m to 200 μ m in 10 μ m increments 200 μ m to 500 μ m in 50 μ m increments.
Minimum setting value	0.5 μ m
Section Thickness Range	0.5 μ m - 100 μ m
Trimming thickness range	1 μ m to 60 μ m.
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°
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%.



DIMENTIONS WITH CARTON BOX

L X B X H
20 X 22 X 16
Weight - 48 Kg



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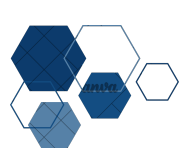


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ACCESSORIES

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



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~ INTERNATIONAL PATHOLOGY INSTRUMENTS ~



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