

Semi Automatic Microtome

EXCLUSIVE STANDARDS:

- Dependability, low maintenance & Value.
- Innovative microtome technology.
- Robust Ergonomic design & Compact dimensions.
- Quality, Convenience and and Consistency.
- Easy specimen changing.
- Long Working Life & High Stability.
- Service friendly, low maintenance design.



ROBUST FEATURES:

- LED visual limit indicators
- Touch key operated micron settings with LCD display.
- Section settings (section cutting/trimming) in LCD display.
- Touch key operated trimming, forward & rewind.
- Reduces hand stress via smooth-running hand wheel.
- Precise guide way and clamping device for knife holder With optimum sliding capability.
- Elevating, Leveling movements of knife and lateral movements for the sturdy Knife Holder to use complete knife edge.
- Convenient and accurate specimen advance with equal pressure lead screws for reliability.
- Balanced flywheel for smooth rotation with locks.
- A heavy and rigid base to render a shake proof operation.
- Convenient specimen holder.
- Easy use universal Microtome Knife & Disposable Blade Holder with anti-roll guide plate.

Model: LMSRM-002

SECTION SETTING & ADJUSTMENTS

- Section Thickness Indication: Visual LCD display.
- Range of section thickness: 0.5 - 99 μm in 1 μm steps.
- Coarse specimen advance: 1 - 99 μm (adjustable).
- Horizontal specimen feed: 25mm.
- Vertical specimen feed: 60 mm.
- Specimen Orientation: XY axis: +/-8 Degrees
Z axis: 360 Degrees.
- Convenient specimen Holder: Standard 55 x 55 mm.



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SMOOTH & SILENT MOVEMENTS:

- **Smooth fatigue free handwheel:** Counter balanced hand wheel with safety lock for fine advance. Reduces hand stress via smooth-running hand wheel. Positive lock at 12 or 6 o'clock Position.
- **Coarse Advance:** Motorized advance / return of specimen. Touch key operated coarse advance micron settings with LCD display. Touch key operated trimming, forward & rewind. Smooth coarse advance.

KNIFE HOLDER BASE & ADJUSTMENTS:

- **Knife Holder Base Features:** Conveniently suited for Microtome knives of 100-300 mm, Standard Disposable Blade Holder.
- **Displacement with Locks:** Lateral Displacement.
- **Adjustment with Locks:** North-south Adjustment East-West Adjustment.
- **Clamping Mechanism:** Clockwise with two knobs.

Elevating, Leveling movements of knife and lateral movements for the sturdy Knife Holder Base to use complete knife edge.

ACCESSORIES TO SUPPLIED:

- **Disposable Blade:** Teflon finished edges of High/low Profile disposable blade (1 Pkt)
- **Disposable Blade Holder:** Disposable blade holder, available for HIGH PROFILE and LOW-PROFILE disposable blades which can be fixed on all types of Microtomes in place of conventional microtome razors.

