

Advance Rotary Microtome

This is an ideal device for use in histology due to its ergonomic design, compact structure, high precision and stable and reliable performance.

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:

- Reduces hand stress via smooth-running counter balanced hand wheel, lockable in any position.
- Precise guide way and clamping device for knife/disposable blade holder with optimum sliding capability.
- Elevating, Leveling movements of knife and lateral movements for the sturdy Knife Holder to use complete knife edge. n Integrated detachable large waste tray easily removable for cleaning.
- Convenient and accurate specimen advance with horizontal specimen feed via precision cylinder guide system & vertical stroke mechanism based on self-lubricating cross roller bearings. Automatic disengagement of feed mechanism at the limit of Feed.
- Specimen retraction in the return stroke.
- A heavy and rigid base to render a shake proof operation.



Model: LMARM-001

Range Of Section Thickness:

0.5 - 60 μ m

0 to 1 in 0.5 μ m steps:

1 to 10 in 1 μ m steps:

10 to 20 in 2 μ m steps;

o 60 in 5 μ m steps.



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. Precise sectioning & Feed setting visible at the front.
- Coarse Advance wheel: Side positioned wheel. High reliability through over-extension protection and Sliding clutch antilocking system in the coarse advance.

KNIFE HOLDER BASE & ADJUSTMENTS:

- Knife Holder Base Features: Conveniently suited for Microtome knives of 100 -300 mm.
- Standard Disposable blade Holders for high/low profile blades.

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 microtome high & low profile disposable blades.
- Universal Cassette C lamps.

SECTION SETTING & ADJUSTMENTS

Section Thickness Indication: Visual display.

Horizontal specimen feed: 28 mm.

Vertical specimen feed: 64 mm.

Specimen Orientation: XY axis: 8 Degrees.

Z axis: 360 Degrees.

Convenient specimen Holder: Standard 55 x 55 mm.



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