LABTRON

MANUAL MICROTOME
LMMT-A12

www.labtron.com info@labtron.com

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Manual Microtome LMMT-A12 microtome is of rotary retracting design and has a heavy cast alloy base and cutting arm. Its robust construction makes it accurate and incredibly reliable. The unit has 60 µm specimen retraction and specimen orientation at XY- 8°C. It has key features for safety, cost-effective sectioning and efficient workflows. The rotary hand wheel is designed to remove smoothly, reducing hand stress for optimal efficiency and productivity.

Features

- Smooth running and conveniently positioned to reduce arm fatigue
- Provides optimal tactile response
- Specimen trimming feature speeds up productivity
- Advanced high-precision micro-drive feed system enables stable and high-precision sectioning
- Provides work flow flexibility
- The precise positioning system not only easy to use, but also provides accurate X and Y axis adjustment
- Fast switching between paraffin block clamp and cassette clamp
- Imported guide rails for cross-rollers and high-precision screw motion mechanisms
- Large-volume removable waste tray, easy to use on the top of the housing
- Red bar on the blade holder covers the whole length of blade to protect the user and enables easy changing of the blade
- Cassette clamp can be locked at any position along each of the three axes
- Protects user from accidental exposure to the blade
- Large and comfortably shaped for efficient removal of paraffin waste
- Power base minimizes vibration during sectioning
- Increases contrast between specimens and paraffin to show where the tissue is, to prevent cutting away a small biopsy
- Accurate alignment of the block face to the blade, which is crucial for recuts

Application

Manual microtomes are extensively used in Clinical fields, Research laboratories, Industrial laboratories, Pathology labs, Medical Institutions, Histology and Biology labs and many Medical science applications.

Technical Specifications

Model		LMMT-A12
Specimen Retraction		60 µm (on/off)
Sectioning Thickness Range (0 to 60 µm)	0 to 20 µm	increment 1 µm
	20 to 60 µm	increment 5 µm
Trimming Thickness Range		0 to 60 µm
Mini. Sectioning Thickness		1 µm
Max, Specimen Size		70×70 mm
Precision		±5%
Specimen Horizontal Stroke		28 mm
Specimen Vertical Stroke		70 mm
Specimen Orientation		XY- 8°
External Size (W×D×H)		590×500×330 mm
Package Size (W×D×H)		690×590×500 mm
Gross Weight		54 Kg