



MANUAL MICROTOME

LMMT-A10

Manual Microtome LMMT-A10 device displays an extraordinary ergonomic characteristics for comfortable operation while maintaining reproducible precision during sectioning and helps to minimize cumulative stress on the user. The unit has quick and precise fine angle adjustment with specimen orientation at XY- 8°C. It's a dependable rotary microtome with key features for safety, cost-effective sectioning, and efficient workflows. The hand wheel is designed to move 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-A10
Sectioning Thickness Range (0 to 60 µm)	0 to 2 µm	increment 0.5 µm
	2 to 10 µm	increment 1 µm
	10 to 20 µm	increment 2 µm
	20 to 60 µm	increment 5 µm
Trimming Thickness Range		0 to 60 µm
Mini. Sectioning Thickness		0.5 µm
Max, Specimen Size		50×70 mm
Precision		±5%
Specimen Horizontal Stroke		28 mm
Specimen Vertical Stroke		52 mm
Specimen Orientation		XY- 8°
External Size (W×D×H)		565×440×285 mm
Package Size (W×D×H)		620×530×450 mm
Gross Weight		40 kg