



# ***SEMI-AUTOMATIC MICROTOME LSAM-A10***

# Semi-automatic Microtome LSAM-A10

Semi-automatic Microtome LSAM-A10 is a semi-automated unit with manual functionality for user convenience. Designed with built-in actuation system for precise tissue slicing, LCD display to show the slice and trimming thickness. Features a special sample retraction function preventing damage due to the abrasion between sample and the back of knife for smoother slicing, easy to dismantle waste bath dismantled, built-in safety alarm system alert the user for fault diagnosis.

## Features :

- ❑ LCD screen shows the slice and trimming thickness
- ❑ Adopted with advanced imported actuation system, for more precise tissue slicing
- ❑ Sample retraction for prevention of sample damage
- ❑ Can lock hand wheel in any position
- ❑ Easy to disassembled waste bath
- ❑ Safety alarm to alert the user for fault diagnosis

## Application :

Semi-automatic Microtome widely used for sectioning (slicing, trimming) of biological specimens across Histopathology, Medicine filed for research and analysis.

## Specifications

Model	LSAM-A10
Slice thickness range	0.5 $\mu\text{m}$ to 100 $\mu\text{m}$ (3 $\mu\text{m}$ to 5 $\mu\text{m}$ best slicing effect)
Trimming section range	1 $\mu\text{m}$ to 600 $\mu\text{m}$
Horizontal specimen stroke	20 mm
Vertical specimen stroke	55 mm
Maximal slice section	50x45 mm
Specimen retraction	20 $\mu\text{m}$
Slip precision	$\pm 5\%$
Section thickness setting	0.5 to 5 $\mu\text{m}$ , in 0.5 $\mu\text{m}$ increment 5 to 20 $\mu\text{m}$ , in 1 $\mu\text{m}$ increment

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	20 to 60 $\mu\text{m}$ , in 5 $\mu\text{m}$ increment 60 to 100 $\mu\text{m}$ , in 10 $\mu\text{m}$ increment
Trimming thickness setting	1 to 10 $\mu\text{m}$ , in 1 $\mu\text{m}$ increment 10 to 20 $\mu\text{m}$ , in 2 $\mu\text{m}$ increment 20 to 50 $\mu\text{m}$ , in 5 $\mu\text{m}$ increment 50 to 100 $\mu\text{m}$ , in 10 $\mu\text{m}$ increment 100 to 600 $\mu\text{m}$ , in 50 $\mu\text{m}$ increment
Packing Dimension	680×560×480 mm
Gross Weight	50 kg

## Standard Accessories

- Disposable Blade Holder 1 pc
- Specimen Cassette 1 pc
- Fuse (2A) 2 pcs
- Power line 1 line
- Hexagonal Wrench 1 set
- Brush 1 pc

## Optional Accessories

Feather Microtome Blade