

## **SEMI AUTOMATIC ROTARY MICROTOME (NEW)** **Model No.: YSL / YSI-060**



### Specifications:

-Semi Automatic Rotary Microtome Programmable

- The New YORK YSI-060 Semi-Automatic rotary microtome characterizes the faultless combination of cost effective competence and user comfort. It is the instrument of choice for clinical histology and histopathology application, as well as for industry quality assurance.
- Manual sectioning is enhanced by high precision motorized specimen feed, which fallout in efficient operation with utmost section reproducibility. Improved user comfort results in maximum workspace efficiency and high throughput.
- Well located storage Area
- An incorporated storage tray ensures subsidiary tools are in hand at all the times.
- Safety During Sectioning
- Protection is assured by incorporated black finger protection guard of the knife holder that exceptionally safeguards the blade edge.
- When used correctly the integrated finger protection guard rules out potential injuries because it can even remain on the blade edge during sectioning.
- Contented Operation
- All functions are controlled via touch sensitive buttons

located on both sides of the block holder.

- Trouble Free Operation
- Ergonomics and user comfort are key concern for the placement of coarse feed wheel, which is located close to the operator.
- The mechanical trimming function, conveniently positioned next to coarse feed wheel, purge the need to turn coarse feed wheel during trimming
- Spacious Section Waste Tray
- The spacious section waste tray consistently gathers sectioning wreckage.
- Accurate Specimen orientation with clear zero reference point.
- This new orientation technique sets innovative standards of precision and is very effortless to operate.
- Calibrated controls make it easy to fiddle with a specified, by assessable, variable on the x/y axis for re – cuts.
- Imaginative Knife holder adjustment
- The complete width of the knife can be used by using straight forward blade fastening mechanism using the complete knife edge is cost effective, particularly in laboratories with high specimen throughput.

Continued on.....

## YORLAB<sup>®</sup> SEMI AUTOMATIC ROTARY MICROTOME (NEW) Model No.: YSL / YSI-060



### Technical Data

Section Thickness	Section Thickness
	Setting range
	0.5 $\mu\text{m}$ - 90 $\mu\text{m}$
Setting Values	from 0.5 $\mu\text{m}$ - 1 $\mu\text{m}$ in
	0.5 $\mu\text{m}$ increments
	from 1 $\mu\text{m}$ - 99 $\mu\text{m}$ in
	1 $\mu\text{m}$ increments
Trimming Section	
Thickness setting Range	0.5 $\mu\text{m}$ - 99 $\mu\text{m}$
Setting Values	from 0.5 $\mu\text{m}$ - 1 $\mu\text{m}$ in
	0.5 $\mu\text{m}$ increments
	from 1 $\mu\text{m}$ - 99 $\mu\text{m}$ in
	1 $\mu\text{m}$ increments
Specimen Retraction	
Motorized Operation	Varying with section
	speed
Horizontal Specimen Feed	Approx. 30mm
Vertical Specimen Feed	Approx. 60mm
Sectioning Modes	1 Manual Mode
Maximum Specimen Size	50mm (L) x 60mm (H) x
	40mm (W)
Specimen Orientation	Horizontal: 8°,
	Vertical: 8°, Z: 360°
Operating Voltages	Nominal Supply
Voltages	100V/120V/230V/240V
Nominal Frequency	50/60 Hz.
Dimensions basic instruments	
Width (including handwheel)	390mm
Depth (including waste tray)	510mm
Height (with storage cover)	305mm
Weight (with accessories)	Approx, 26 Kg.

### General

- Compact Ergonomic Overall Design.
- Accurate Specimen orientation with zero-point reference.
- Easy shift between trimming and sectioning operation
- Two motorized forward specimen coarse feed speeds.
- Automatic Specimen retraction.
- Section – Handed function universal cassette clamp
- Absolutely new knife holder replica for disposable blades, with finger guard in contrasting color.
- User safety incorporated into overall design.
- Smoothing-running hand wheel with incorporated quick – lock method.
- Accurate knife holder lateral movement.
- Ergonomically optimized hand wheel handle.
- Communication display incorporated in instrument housing enclosed micrometer mechanism.
- Enclosed micrometer mechanism.
- Spacious section waste tray.

### Wide range of accessories

- Automatic retraction

### Supplied complete with: -

- Cassette holder
- Knife holder base
- Standard knife holder.
- Object orientation unit
- Section waste tray.
- Disposable blade (Pack of 50 Blades)