



Estd. 1964



YSI-060

Semi Automatic
Manual Rotary
Microtome

Semi Automatic Rotary Microtome Programmable

The New Unimeditek UNIYSI-060 Semi Automtary 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 the 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 makes certain 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 could be used by using straight forward blade fastening mechanism Using the complete knife edge is cost effective, particularly in laboratories with high specimen throughput.



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Suitable to work on 220V,
single phase, 50 Hz, AC supply.



Manufactured By :
YORK SCIENTIFIC INDUSTRIES PVT. LTD.

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Technical Data

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

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 lateral movement.
- Ergonomically optimized hand wheel handle.
- Communication display incorporated in instrument housing enclosed micrometer mechanism.
- Spacious section waster tray.
- Wide range of accessories.
- Automatic retraction.

Supplied Complete With

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

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