



Estd. 1964



YSI-062

Fully Motorized
Programmable
Rotary Microtome

Fully Motorized, Programmable Rotary Microtome

Unimeditek offers a microtome that can satisfy all of your laboratory's requirements: the fully motorized UNI-062 rotary microtome. It is the top-of-the-line-product in Unimeditek rotary microtome series and is designed to provide superior sections of multitude of the specimen types with ease. Its outstanding technology allows it to be used for semi-thin to thick sectioning of soft or hard specimens: routine as well as special biomedical applications.

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 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 sectioning.

Contented Operation

All functions are controlled via touch sensitive buttons located on both sides of the block holder.

Specious 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 specimen to an exact zero position 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 straightforward 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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Specifications

Section Thickness	: Section Thickness Setting range 0.5um-99um
Setting Value	: From 0.5um-1um in 0.5um increments From 1um-99um in 1um increments
Trimming Section	: Thickness setting Range 0.5um-99um
Setting Values	: From 0.5um-1um in 0.5um increments From 1um-99um in 1um increments
Specimen Retraction	
Motorized Operation	: Varying with section speed
Horizontal Specimen Feed	: Approx. 30mm
Vertical Specimen Feed	: Approx. 60mm
Sectioning Modes	: 3 total 1 Manual Mode 2 Motorized modes (continuous & single)
Maximum Specimen Size	: 50(L) × 60(W) × 40(H)mm (1.96 × 2.36 × 1.57 in.)
Specimen Orientation	: Horizontal:8°, Vertical:8°, Z:360°
Operating Voltages	: Nominal Supply Voltages 100V/120V/230V/240V
Nominal Frequency	: 50/60Hz.
Dimensions basic instruments	: 510×390×305mm
Width (with accessories)	: Approx. 37Kg.

General

- Compact, Ergonomic Overall Design
- User safety incorporated into the microtome and accessories
- Intuitive control panel
- Automatic, variable specimen retraction, depending on sectioning speed
- Two motorized forward specimen coarse feed speeds
- Two separate programs for trimming and sectioning
- Speed control through the cutting window for enhanced efficiency
- Communication display in instrument housing
- Section thickness setting of 0.5um to 100um Section thickness totalizer
- Smooth running handwheel with incorporated quick - lock mechanism
- Ergonomically optimized handwheel handle
- Enclosed micrometer mechanism
- Precision specimen orientation with zero point reference
- Spacious section waste tray
- Wide range of accessories for special applications
- Automatic retraction

Supplied Complete With

- Cassette holder.
- Knife holder base.
- Disposable blade Holder with Incorporate safety Finger protulier guard.
- Object orientation unit.
- Section waste tray.
- Disposable blade (Pack of 50 Blades).

Optional/Spare Accessories

- Disposable blade holder for High profile Blades.
- Standard type Block holding stage.
- Disposable Blade pack of 50 blades High profile.
- Automatic retraction.

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