

MODEL NO.: YSI-062

YSI FULLY MOTORIZED PROGRAMMABLE ROTARY MICROTOME (NEW)

Fully Motorized, Programmable Rotary Microtome YSI offers a microtome that can satisfy all of your laboratory's requirements: the fully motorized YSI-062 rotary microtome. It is the top-of-the-line-product in YSI 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 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.

Spacious Section waste tray

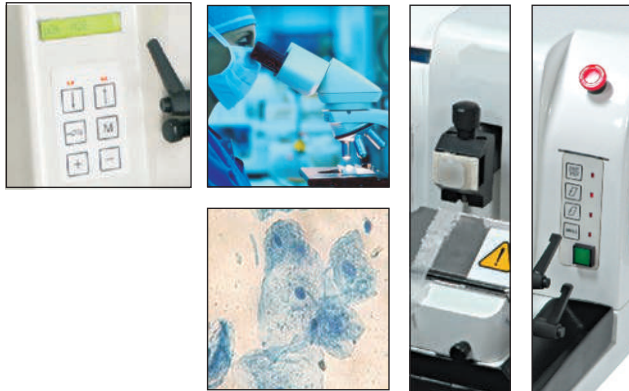
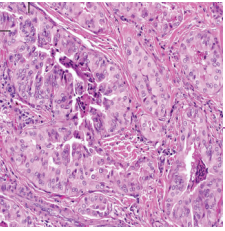
The spacious section waste tray consistently gathers sectioning wreckage

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 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.



HISTOPATHOLOGY

Specifications:

Section Thickness	
Section Thickness Setting range	0.5um 99um
Setting values	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 and single)
Maximum specimen size	50(L) x 60(W) x 40(H) mm (1.96 x 2.36 x 1.57 in.)
Specimen Orientation	H o r i z o n t a l : 8 0 , Vertical:80,Z:3600
Operating Voltages	
Nominal Supply Voltages	100 V/120 V/230V/240V
Nominal Frequency	50/60 Hz
Dimensions basic instruments	510 x 390 x 305 mm
Weight (with accessories)	approx. 37 kg



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 handweel with incorporated quick - lock mechanism
- Ergonomically optimized handweel handle
- Enclosed micrometer mechanism
- Precision specimen orientation with zero-point reference
- Spacious section waste tray
- Wide range of accessories for special applications

Supplied Complete with

- Cassette holder
- Knife holder base
- Standard knife holder
- Object orientation unit
- Section waste tray
- Microtome knife 15cm

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- ii. Knife holder base
- Standard knife holder.
- Object orientation unit
- Section waste tray.

