



Semi Automated Microtome

Model No. :
(MODEL-RSB-56S)

**SEMI
AUTOMATIC
MICROTOME**



GOLDEN FEATURES

- LCD Display with feather touch keypad
- Cutting/Trimming Mode
- Fast Forward /Backward Function
- Increase/Decrease Section Thickness
- Adjustable Retraction
- Motorised Feed Drive
- Finger Protection Guard
- Standard/Universal Cassette Clamp



AARSON SCIENTIFIC WORKS

www.aarsonindia.com

aarsons1980@gmail.com, aarsonexports@gmail.com



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TECHNICAL DATA

Total section thickness range	0.5 up to 100 μ m.
Specimen retraction during return travel	0-200 μ m, selectable.
Horizontal specimen feed	Approx. 30mm.
Vertical specimen feed	Approx. 60mm.
Sectioning Modes	1 Manual Mode.
Specimen Orientation Horizontal :	8°, Vertical : 8°, Z : 360°.
Object feed	28mm
Max. Specimen size	50 x 50mm.
Operation Semi-Automatic.	
Fine section thickness feed via precision stepping motor:	from 0.25-2.5 μ m in 0.25 μ m increment from 3-4.5 μ m in 0.50 μ m increment from 5-10 μ m in 1 μ m increment from 12-30 μ m in 2 μ m increment from 35-60 μ m in 5 μ m increment from 70-100 μ m in 10 μ m increment
Trimming thickness feed via stepping motor:	from 1-10 μ m in 1 μ m increment from 12-20 μ m in 2 μ m increment from 25-50 μ m in 5 μ m increment from 60-150 μ m in 10 μ m increment from 200-600 μ m in 50 μ m increment
Nominal Voltage: 220V,50Hz / 110V,60Hz.	

KEY PRODUCT FEATURES

- Ergonomic design, Compact Dimensions, Vertical guidance by zero-backlash and maintenance free cross roller bearings.
- Electronic precision feed mechanism with stepping motor technology.
- Especially smooth running hand wheel. One hand quick clamp change.
- Fine orientation with one hand operation and zero positioning, easy exchange of specimen.
- Specimen retraction during return travel, can be turned off. Indication of all relevant information such as section thickness, trim thickness, number of sections, section thickness remaining travel of the specimen feed as well as time and date. Reduced number of button intuitive operation.
- Patented and ergonomic operation of the specimen feed with variable speed adjustment.
- Indication of cutting parameters, can be switched over to large indication.
- Large section waste tray, covering the entire working area.
- Ergonomically optimized operating elements for non tiring usage.
- Design with highest demands concerning operational safety and ergonomics.

