ADVANCE SCIENCE

INNOVATION | PRECISION | PERFORMANCE

ROTARY MICROTOME

MODEL NO. AS-RM-101

Advance Science Rotary Microtome is a semi-automatic, high-precision instrument designed for routine and research histology applications. It provides consistent, high-quality sections with smooth operation, precise control and user-friendly design, making it ideal for pathology, research and clinical laboratories.



- PRECISE SECTIONING
- EASY OPERATION
- STABLE & RELIABLE
- VERSATILE CASSETTE COMPATIBILITY
- USER FRIENDLY DESIGN

TECHNICAL SPECIFICATIONS

Parameter	Specification
Model No.	AS-RM-101
Type of Microtome	Semi automatic rotary microtome
Mechanism	Motorized feed mechanism with Electronic and manual cutting options
No of electronic cutting option	NA for semiautomatic
Length of vertical stroke in mm	70 mm for super cassette clamp
Horizontal specimen feed in mm	25
Specimen holder design	Universal cassette clamp
Type of disposable blade	Both high profile and low profile
Number of packet of disposable blades (50 blades in 1 packet)	2 pkt
Emergency brake for user safety	NA for semiautomatic
Motorized Coarse feed	In two speeds : 300 mm/sec & 900 mm/sec
Cutting speed	Manual sectioning in case of Semi automatic microtome
Specimen Retraction	In Manual Sectioning Mode: 5 – 100 µm (in 5 µm increments); can be turned off In Motorized Sectioning Mode: Speed-Dependent; can be turned off

KEY FEATURES

- Semi-automatic rotary microtome
- Motorized feed mechanism with electronic and manual cutting options
- High precision and consistent sectioning
- Universal cassette clamp for wide compatibility
- Compatible with both high and low profile blades
- Smooth and stable operation
- Motorized coarse feed with two speeds (300 mm/sec & 900 mm/sec)
- Adjustable specimen retraction (5 – 100 µm)
- Ideal for pathology, research and clinical laboratories

APPLICATIONS

- Histopathology Laboratories
- Clinical Laboratories
- Research Laboratories
- Life Science Research
- Biopsy Sample Preparation
- Academic & Educational Institutes

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