

MR2

Manual Operation



MR3

Motorized or Manual



Traditional, Rugged Reliability

Universal, Heavy Duty Microtome For Motorized And Manual Operation

For routine work, the MR2 and its motorized advance partner, the MR3 are available, both frequently being used for histology and materials preparation. Both rotary microtomes feature a rapid trim function, positive mechanical lock on the hand wheel, specimen orientation and rotation, plus a digital section counter display on the front panel.

FEATURES

- Heavy base casting for stable sectioning
- Vertical cutting stroke with solid cross roller bearing specimen carriage
- Control panel with Digital Section Counter Display and easy to clean membrane switches
- Electronic feed with fast return
- Separate trim control function with footswitch
- Preset trim setting for fast block trimming
- Removable waste tray
- Wide range of accessories available for Histology, Materials and Forensic applications
- Available with High/Low Profile Disposable Steel Blade Holder and Specimen Holder (choice of Cassette Clamp or Fixed Jaw Vise Clamp)
- MR 2 supplied with single footswitch control for trim function (P/N 79883)
- MR 3 supplied with double footswitch control for trim & cut functions (P/N 79960)

SPECIFICATIONS (FOR BOTH)

- Maximum specimen size: 55 x 50mm
- Section thickness: 0.5-60 microns
- Thickness increments: 0.5 to 2 microns in 0.5 micron steps
2.0 to 10 microns in 1 micron steps
10 to 20 microns in 2 micron steps
20 to 60 microns in 5 micron steps
- Cutting stroke: 64mm
- Retraction: 70 microns
- Dimensions: H-279 mm x W-273 mm x L-457 mm Weight - 24.3 kg
- Handwheel Lock: Positive lock at 12:00 o'clock or 6:00 o'clock position
- Specimen Orientation: x and y axis with 8 × tilt plus rotation
- Power Supply: Input 100-240 VAC, 50/60 Hz, 0.8 Amps
Output 24 VDC, 36 Watts

SPECIFICATIONS (FOR MR3)

- Motorized cutting speed range: 0-400mm/sec
- Motorized feed of Knife Stage: 28mm

USER IS REQUIRED TO CHOOSE FROM THE FOLLOWING TO COMPLETE THE SET UP (PURCHASED SEPARATELY)

- Specimen Holders: Quick release cassette clamp
Standard fixed jaw
Foil
Specimen Orientation Mount with universal holder for round or flat plastic embedded specimens
- Knife Holders: Type S for Glass, Diamond & Triangular Tungsten Carbide
Standard Type N for conventional steel knives
Type E Disposable (High or Low Profile)

SHIPPING SPECIFICATIONS

- Dimensions: 635mm x 635mm x 635mm / 26" x 26" x 26"
- Weight: 38kg / 90 lbs

SHIPPING LIST

<u>PART #</u>	<u>DESCRIPTION</u>	<u>QTY.</u>
79994	MR2 ASSEMBLY	
- 50131	Power Supply	1
- Varies	Power Cord	1
- 79883	Single Footswitch	1
- 311309	Wrench, 3mm	1
- 79527	Dust Cover	1
- 79723	Removable Rest Pad	1

79995	MR3 ASSEMBLY	
	Includes all previously listed components for the MR2 plus:	
- 50154	Power Supply (Replaces Power Supply P/N 50131)	1
- 79883	Double Footswitch (Replaces Single Footswitch P/N 79883)	1