

**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
- 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
- MR 3 supplied with emergency stop switch that activates an electronic brake

**SPECIFICATIONS (MR2 and MR3)**

- 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

**ADDITIONAL SPECIFICATIONS (MR3)**

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

**USER IS REQUIRED TO CHOOSE FROM THE FOLLOWING TO COMPLETE CONFIGURATION (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 knives  
Type N for conventional steel knives  
Type E for high and low profile blades