

The Hacker MR2 Series Microtome

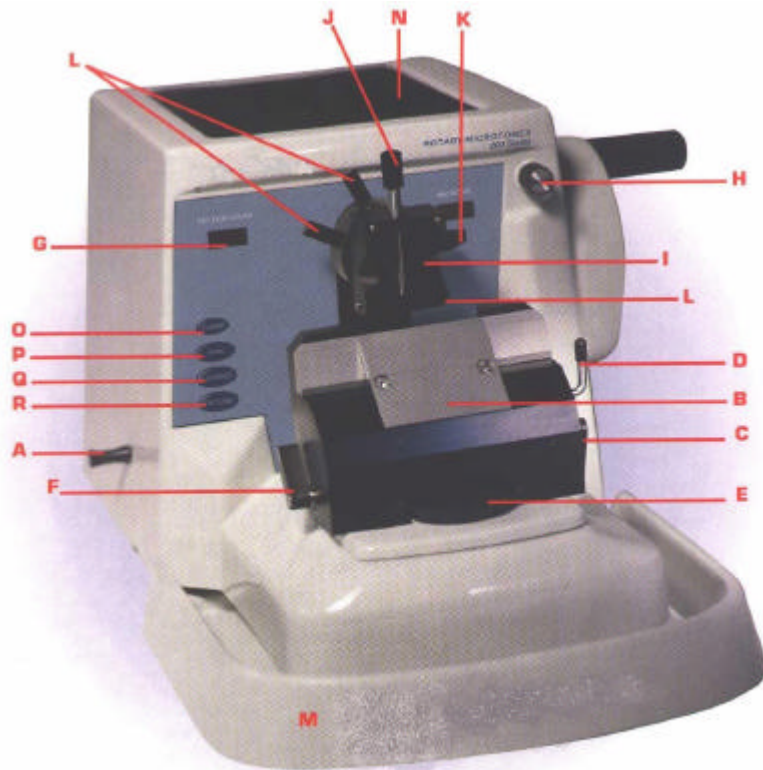


SEMI-AUTOMATIC ROTARY RETRACTING

The **HACKER MR-2 SERIES MICROTOME** is a fully retracting microtome that delivers all the features you need for reliable routine sectioning of paraffin embedded sections. The precision microfeed system delivers fully adjustable section thickness for 0.5 to 60 μ m and a full feed range of up to 28mm. Cross roller bearings allow smooth vertical specimen movement. All knife holders fit directly onto the horizontal guideway.

The **HACKER MR-2 SERIES MICROTOME** allows the user to preselect the section thickness, then push the quick trim lever and turn the handwheel to automatically trim the specimen by 10 or 30 μ m. Other features include quick change specimen clamp, rotatable fine orientation of the specimen on both x and y axis, interchangeable knife holders, integrated lockable hand wheel and a warning alarm at feed range limit. In addition the **HACKER MR-2 SERIES MICROTOME** offers specimen retraction and section counter with LCD display, and an integrated section waste tray.

The **HACKER MR-2 SERIES MICROTOME** is engineered and designed to bring years of low maintenance, precise, dependable and user friendly performance. **Made in USA** to meet the highest quality standards.



- A Wheel Lock
 - B Knife Stage
 - C Knife Angle Locking Lever
 - D Knife Locking Lever
 - E Stage Mount
 - F Stage Lock
 - G Section Counter
 - H Thickness Dial
 - I Chuck
 - J Block Release Lever
 - K Chuck Locking Lever
 - L Chuck Adjustment Screws
 - M Waste Tray
 - N Mat
- Membrane Switches
- O Clear
 - P Trim
 - Q Advance
 - R Return

TECHNICAL SPECIFICATION - HACKER MR-2 SERIES ROTARY RETRACTING MICROTOME

Dimensions: H-279 mm x W-273 mm x L-457 mm (11" x 11" x 18")
 Weight: 24.3 kg (53 lbs.)

Maximum Specimen Size: 55 X 50 mm

Cutting Stroke (Manual): 64 mm

Retraction: 70 microns

Electronic Feed of Knife Stage: 28 mm

Handwheel Lock: Positive lock at 12 or 6 o'clock position

Specimen Orientation: x and y axis with 8° tilt plus rotation

Section Thickness Advance: 0.5 to 2.0µm in 0.5µm increments
 2.0 to 10.0µm in 1µm increments
 10.0 to 20.0µm in 2µm increments
 20.0 to 60.0µm in 5µm increments

Power Supply: Input 100-240 VAC, 50/60 Hz, 0.8 Amps
 Output 24 VDC, 35 Watts

The HACKER MR-2 SERIES Microtome comes complete with:

- Operating Manual
- Specimen Holder (Quick Release for Cassettes)
- Orientating Adapter - attached to microtome at factory
- Dust Cover
- Foot Pedal
- Power Supply and Cables
- Knife Stage for Disposable Blades
- Hex Wrench 6 mm
- Waste Tray
- Motorized Coarse Advance/Rewind

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