



SENIOR ROTARY MICROTOME

MODEL: RMT-30



SENIOR ROTARY MICROTOME

MODEL: RMT-30

RADICAL Senior Precision Rotary Microtome Model RMT - 30 is the most precise and uniform sectioning equipment for use in Medical Colleges, Universities, Research Laboratories, Hospitals and Educational Institutions.

It is a universally approved, most modern and reliable sectioning equipment designed for very precise sectioning of tissues upto 1 micron thickness. The feed indicator, located in front of microtome is operated by the latest 'CAM DRIVE SYSTEM' for accurate feed setting from 1-50 microns in steps of one micron.

The internal mechanism and knife holder rests on a heavy-duty and rigid base to render a shake proof operation. The Protective aluminum cover is hinged to the base and swings back so that the interior parts are completely exposed for convenient setting, cleaning, lubrication etc. Feed mechanism is dependent upon the vertical movement of the object block. With every complete revolution of the counter balanced drive wheel, the feed pawl engages with the teeth of the ratchet gear which moves towards and advances the object holder through a cone inclined plane mechanism in precise increments so that the tissues can be sectioned even to a thickness of one micron. When the limit of the feed reaches at the end, a safety device automatically disengages the feed mechanism to prevent jamming and avoid damage to the feed screws.

The feed indicator is graduated in microns, is conveniently located in the front for instant references and its setting is controlled by a knurled knob at the back of the microtome. The sturdy knife holder, in addition to knife elevating and leveling provides lateral movement for complete use of knife edge. The angle, adjustable up to 30°, is indicated on a reference scale. The knife supplied with the Microtome is fabricated from high carbon fine grain tool steel which is heat-treated for proper temper & tested for Micro structures. Adjustable Hand Wheel having coarse feed, wheel dia of 80mm.

A lever is provided to lock counter balanced drive wheel and specimen block is stopped at the top of its excursion, providing ample clearance space for safety insert and removal of knife and block holders. A quick flip of the lever releases the drive wheel.

Complete unit is packed with the following accessories in a wooden case.

Object Holders (3 Nos.)	:	1Set	Dust Cover	:	1 No.
Lubricating Oil Bottle	:	1 No.	Honing Stone	:	1 No.
Knife 120mm in a box	:	1 No.	Operating Manual	:	1 No

Overall Dimensions	:	40×38×23cms
Net Weight	:	30Kgs. Approx.
Gross Weight	:	42 Kgs. Approx.

Optional Accessories :-

Disposable Blade Holders, Disposable Microtome Blades, L-moulds, Object Holders, Honing Stones, Leather Straps, Micro Abrasives, Microtome Knife with Back and Handle, Lubricating Oil, Automatic Knife Sharpeners etc.

Radical Scientific Equipments Pvt. Ltd.

9th Milestone, NH-444A, Ambala-Jagadhri Road P.O. Khudda Kala Ambala Cantt 133104

E-mail : info@radicalscientific.com, Website : www.radicalscientific.com | www.radicalindia.com

Ph.: +91- 171-2977793, 3501111-1140 (30 Numbers)