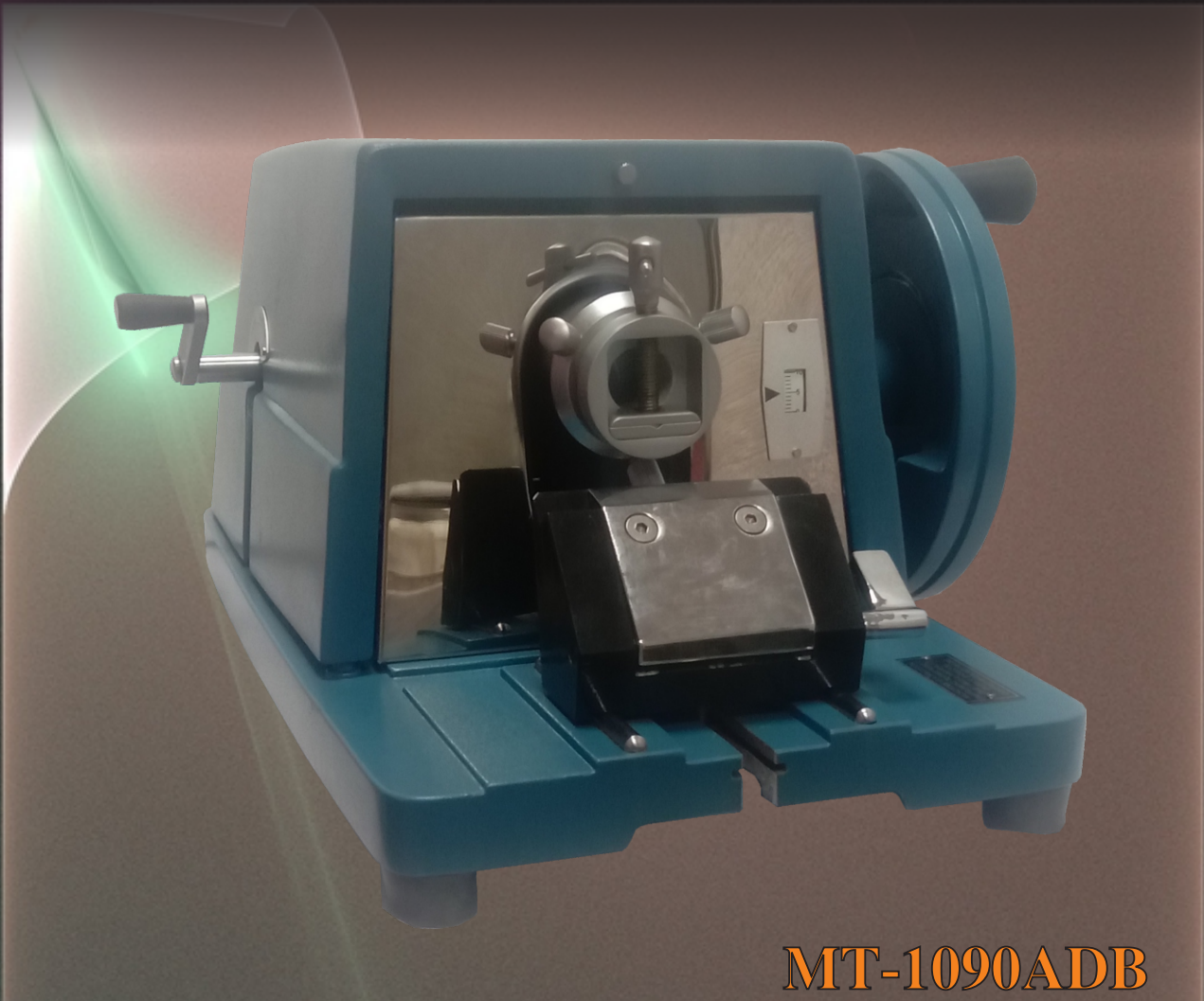


SENIOR ROTARY MICROTOME

(SPENCER 820 Type)

MT-1090ADB

For Over 50 years, **WESWOX** MICROTOMES have been the classic sectioning machine in virtually every medical teaching and research laboratory and it's still unequalled in performance.



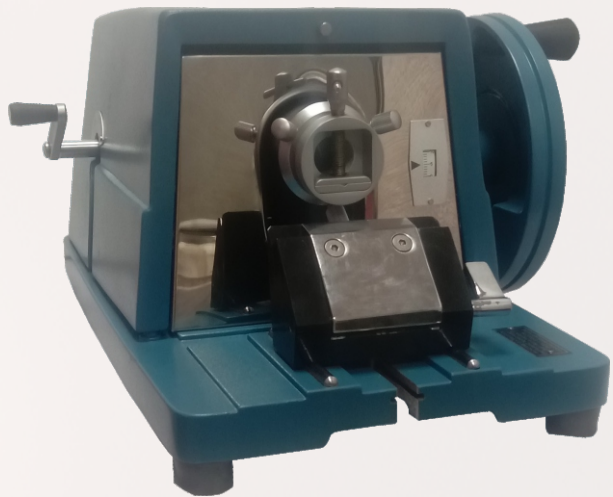
MT-1090ADB

WESWOX Senior Rotary Microtome is a product of meticulous quality and is designed to achieve perfect and accurate results in serial sectioning. It has produced stupendous results for cutting sections as thin as a 5 micron and for serial sections of invariable uniformity.

WESWOX Senior Rotary Microtome is human engineered to give you a simple operate to reliable, precise instrument for day-in/day-out productivity.

SENIOR ROTARY MICROTOME

MT-1090ADB



Special Features :

- Surface grinding on base, horizontal, vertical and inclined slide for smooth and accurate motion.
- Ratchet wheel, CAM and CAM weight are made of GUN METAL.
- Axle and catcher made from special steel made on imported machine.
- All important motion are running on ball bearing guide ways.

STURDY, RIGID CONSTRUCTION :

The heavy duty base provides support for mechanism and knife holder. An aluminium cover is hinged to the base, protects the interior parts and opens to provide easy access for cleaning and lubrication.

AUTOMATIC FEED RELEASE WITH AUTOMATIC SAFETY DEVICE :

Total feed excursion is 28mm. When the limit of the feed is reached, a safety device automatically disengages the feed mechanism to eliminate jamming and possible damage to the feed screw.

CRITICAL ACCURACY :

With every complete revolution of the counter balanced drive wheel, the feed pawl engages precisely into the teeth of the ratchet wheel which moves forward and advances the object holder through a cone and inclined plane mechanism in such precise increments that specimens can be sectioned down to even 1 micron in thickness. Mechanical Trimming upto 300 micrometer.

FRONT-POSITIONED FEED INDICATOR WITH LATEST CAM DRIVE SYSTEM :

The feed indicator, graduated in microns is conveniently located at front of the instrument and feed setting from 1 to 50 microns in steps of 1 micron each is controlled by a knurled knob at the back of the microtome. The sturdy knife holder in addition to knife elevating and leveling adjustments provides lateral movements for complete use of knife edge. The angle adjustable upto 30° is indicated on a reference scale. Provide with fixed disposable blade attachment to use with disposable blade.

TECHNICAL DATA :

| | |
|--|---|
| Feed adjustment | 1-50 microns (in steps of 1 micron each) |
| Opening of object Clamp (Ball & Flange Type) | 37x27 mm |
| Total feed excursion | 28mm |
| Vertical Stroke | up to 60mm |
| Overall Size | 16"x10"x9" and approx. weight 27Kg in cardboard box or 60Kg in wooden case. |

STANDARD ACCESSORIES :

| | |
|--|-------|
| Object holder dia 22, 25, 28mm | Three |
| Dust cover and oil can for lubrication | One |
| Instruction Manual | One |

The microtome is furnished in epoxy finished & complete with all above accessories packed in card board box with instruction manual.