

Since 1954

WESWOX[®]
OPTIK

SEMI AUTOMATIC ROTARY MICROTOME

Introducing
World's First Automated Microtome
with Feather Touch LCD Screen Panel.



SMT-1090A

WESWOX Semi Automatic Microtome is Ergonomically designed and manufactured to provide uniform and flat sections every time.

WESWOX Semi Automatic Microtome is specially designed for routine and research applications in Histopathology Labs & Medical Colleges.

SEMI AUTOMATIC ROTARY MICROTOME

*For Over 60 years,
WESWOX MICROTOMES
have been the classic sectioning machine
in virtually every medical teaching and
research laboratory and
it's still unequalled in performance.*



Features :

- Modular system with exceptional precision guaranteed over extensive protection and sliding-clutch anti-locking system in the coarse advance.
- Cutting/Trimming Mode
- Fast Forward/Backward Function
- Increase/Decrease Section Thickness
- Section Counter/Section thickness display
- Disposable knife holder with Lateral knife adjustment feature to ensure that the entire width of the blade is used without releasing the blade clamping mechanism.
- Large storage capacity on the top of the instrument for easy access of tools.
- Finger protection guard to protect the user from any injuries caused due to blade.
- Lockable handwheel at any position for user safety.
- Robust and stable base plate for maximum stability to the microtome.
- Adjustable Specimen retraction value from 5 to 100um in steps of 5um to prolong the life of cutting surface.
- Safety alarm system indicating the end positions.
- Ergonomic and user friendly design universal cassette clamp..
- Section Waste tray to collect section waste and is easily removable for cleaning purposes.
- Precision stepper motor and a micro step drive to ensure accurate specimen advance so that the specimen thickness remains uniform during sectioning.
- Coarse feed speed directions (in both directions) around 300um/s & 900um/s.

Technical Specifications :

- Section Thickness Range : 0.5um-100um
- Setting Values : 0.5um-2um in 0.5um increments.
2um-20um in 1 um increments
20um-100um in 5um increments
- Trimming Thickness Range : 1um-600um
- Setting Values : 1um-20um in 1um increments.
20um-60um in 5um increments
60um-600um in 10 um increments
- Minimum Setting Value : 0.5um
- Object feed : 28mm
- Vertical stroke : 60mm
- Specimen Orientation : x- and y-axes : universal 8°
Z-axis : upto 360°
- Max. Specimen size : 50x50mm.
- Operation : Semi-automatic
- Nominal Voltage : 220V, 50Hz/110V, 60Hz
- Certification : ISO, CE approved

Standard Accessories :

- Disposable blade : 1 pkt