Semi-Automatic Rotary Microtome

Spedally designed for precise sectioning of tissues up to 1 micron thickness, it has a front located feed indicator with CAM DRIVE SYSTEM for accurate feed setting from 1-500 microns in steps of 1 micron each. The microtome razor is fabricated from imported fine grain steel alloy, tested for micro structures and the razor is heat treated to maintain optimum strength and sharpness.

Similar to model Analytical technologies ltd 3002 BM, this model incorporates much advanced technology with usage of selected alloys for manufacturing of individual components as per international standards. All its precision components, moving parts adjustment, centering screws and also the complete razor holder assembly etc are fabricated from specific alloys to ensure perfect functioning and long life of the equipment.

Technical Specification

Section Thickness Setting → 1-500 microns
Section Thickness Setting → In Steps of 1 Micron
Knife Length: Standard → 120mm
Knife Length optional → 140mm/160mm
Operation → Manual
Biock (Specimen) Holder → Set of Three
Object Feed → Manual
Vertical Specimen Stroke → 55mm
Max. Specimen Size → 32mm (Section)
Specimen Orientation → Provided
Adjustment with locks → 0 to 10°
Knife Angle → Single / Dual
Razor Holder Grip → Optional
Disposable Blade Holder → Optional
Disposable Blade → 300x300x240mm
Dimensions → 32 to 35 kgs.

Accessories:

- Conveniently Located Feed Indicator
- Accurate Specimen Advance
- Convenient Specimen Holder
- Safety Device
- Control panel with LED Digital Display
- Smooth Drive Wheel with Locking
- Sturdy, Rigid Construction for Shake
- Proof Operation
- Minimal Maintenance
- Protection Cover and waste tray for easy cleaning Accept attachment for disposable blade
- Precise Specimen Orientation for Sectioning

Low and High Profile blades
Microtom Lubricant oil
Integrated lockble hand wheel
Analytical Foundation is a Nonprofit Organization (NGO) found for the purpose of:

1. Research & Innovation Scientist’s awards / QC Professional Award: Quality life is possible by innovation only and the innovation is possible by research only, hence ANALYTICAL FOUNDATION is committed to identify such personalities for their contributions across various fields of Science and Technology and awarding them yearly. To participate for award, send us your details of research / testing / publication at info@analyticalfoundation.org

2. Improving quality of life by offering YOGA Training courses, Workshops / Seminars etc.

3. ANALYTICAL FOUNDATION aims to DETOXIFY human minds, souls and body by means of Yoga, Meditation, Ayurveda, Health Care, Awards, Media, Events, Camps etc.