ISO 9001

JAS-ANZ

www.almicroindia.com

Senior Rotary Microtome
MODEL MS - 80

ALMICRO Senior Rotary Microtome MS-80 is a standard sectioning instrument having latest technical design. It is outstanding for its precise operation, dependability and long life.
A heavy, rigid base supports the internal mechanism and knife holder. The protective cover is hinged to the base and swings back to completely expose the interior parts, thus permitting easier access for cleaning and lubrication. It's feed mechanism is independent of the vertical movement of the object block. With every revolution of the counter balanced drive wheel the feed panel engages precisely into the teeth of the ratchet wheel which moves forward and advances the object holder in such precise increments that tissue can be sactioned down to even one micron in thickness. Automatic disengagement of feed mechanism prevents jamming and damage to feed screw.

Technical Features

▯	Feed Adjustment	:	1-50 Microns (in steps one Micron each)
▯	Total feed excursion	:	28 mm.
▯	Overall dimensions	:	16"x10"x9"
▯	Weight	:	30 Kg (Approx)
▯	Accessories	:	Object holders 3 (assorted) One knife 120mm with back and handle Honing stone Oil can for Lubrication.
▯	Finish	:	Powder Coated in study wooden box.

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MICRO MEASURES & INSTRUMENTS

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MICRO MEASURES & INSTRUMENTS

Rotary Microtome [Erma type]
MODEL MS - 70

Almicro Rotary Microtome MS-70 is a histopatholegical Sectioning instrument having its design based on Erma Japan technonlogy. It is precise in operation and dependable for long life.

All the mechanism is mounted on heavy cast iron base to make it vibration free. Interior parts are covered by protective aluminium casted dust cover, half the portion of which is hinged by and swings backward to expose the interior components for lubrication, lever engagement and feed release. With every revolution of the drive wheel, the feed panel engages precised into the teeth of the ratchet wheel which moves forward and advances the object holder in steps of 1 to 25 microns

Technical Features

Feed Adjustment	:	1-25 Microns (in steps of one micron each)
Total feed excusion	:	25 mm.
Overall dimensions	:	30cmx25cmx25cm
Weight	:	20kgs (Approx) Without box
Accessories	:	object holder 3 knife 120 mm with back and handle Honing stone Oil can for Lubrication
Finish	:	Powder Coated in sturdy wooden box.

ALMICRO®

SEMI AUTOMATIC MICROTOME
(MS-81)

KEY PRODUCT FEATURES

- Ergonomic design, Compact Dimensions, Vertical guidance by zero-backlash and mainten free cross roller bearings.
- Electronic precision feed mechanism with stepping motor technology.
- Especially smooth running hand wheel. One hand quick clamp change.
- Fine orientation with one hand operation and zero positioning, easy exchange of specimen.
- Specimen retraction during return travel, can be turned off. Indication of all relevant information such as section thickness, trim thickness, number of sections, section thickness remaining travel of the specimen feed as well as time and date. Reduced number of button intuitive operation.
- Patented and ergonomic operation of the specimen feed with variable speed adjustment. Indication of cutting parameters, can be switched over to large indication.
- Large section waste tray, covering the entire working area.
- Ergonomically optimized operating elements for non tiring usage.
- Design with highest demands concerning operational safety and ergonomics.

FULLY AUTOMATIC MICROTOME
FAM - 17

ABOUT US

We design and develop a unique kind of Scientific and Laboratory equipments to meet the high standard expectations of customers. We continuously update technology to make sure consistency and steadiness at each level of equipment manufacturing. We feel proud that our whole products have achieved satisfactory results for our every kind of clients.

At International Quality Instruments, we consider that our terrific success goes to our expert team members who have given 100 percent of their efforts in the development of the company. It is their commitment and loyalty that makes us the most demanded scientific equipments brand among our all happy customers.

SPECIFICATIONS

Section Thickness Setting Range: 0.25-1010um, 0.25-2.5um increment 0.25 2.5-5um increment 0.5um 5.0-10um increment 1 um, 10-30um increment 2um, 30-60um increment 5um, 60-100um increment 10um.

Trimming Thickness Setting Range: 1-600um 1-10um increment 1um, 010-020um increment 2um, 020 050um increment span 050-150um increment 10um 150-600um increment 50um.

Retraction Setting Range: 0-50um (0 is off) 5-10-15-50 (optional)

- Horizontal Feed 25mm.
- Vertical Specimen Stroke 70mm.
- Specimen Holder Rotation at angle within 360 degrees.
- Movement range of the base of specimen holder 65mm (front to back).
- Movement range of the blade press plate *20mm.
- Specimen clamp rotation at any angle within 360 degree.
- Specimen orientation XY-8°.
- Minimum setting of sectioning thickness 0.25μm.
- Maximum specimen size 70x70mm.
- Precision error-1%.
- Working voltage AC 220V±10% 50Hz (standard model) AC 110V -10% 60Hz.
- Power 150W.

ALMICRO®
since 1978

ALMICRO Sliding Microtome (MS-100) :-

Comprising of Heavy cast base having 27 cms precise sliding track on which slides sturdy knife holder. The object holder has rapid vertical adjustment by means of lever mechanism. Provided with 120mm Microtome knife, cuts section from 2-40 microns in steps of 2 microns. Total excursion of feed 25mm.

www.almicroinstruments.com

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ADVANCE ROTARY MICROTOME

SALIENT FEATURE

- SECTION THICKNESS DISPLAY
- ADJUTABLE KNIFE ANGLE
- COARSE FREE HAND-WHEEL
- SECTION THICKNESS ADJUTABLE KNOB
- SPACIOUS SECTION WASTE TRAY
- INTEGRATE FINGER GUARD
- CROSS ROLLERGUIDE WAYS

- Comes with storage facility of 9 or more freely selectable programs. Programs include selection of infiltration time, agitation, facility, basket selection facility etc.
- Provided with locking facility for user to avoid inadvertent change of the process parameters during operation.
- Drain time of 60sec in each station of reduce carry over contamination
- Has a programmable infiltration time from 5 minutes to 99 hours 59 minutes in 1 minute's increments.
- Delayed start up function to a maximum of 9 days
- Facility of beaker being automatically immersed in a station during the Power failure(Optional)
- Facility of manual lifts the carousal and removable tissues in case of long power failure
- USFDA/ European CE certified

STANDARD ACCESSORIES:

- ✓ Main unit- One
- ✓ Tissue Basket- Two
- ✓ Wax Bath- Two
- ✓ Main Lead- One
- ✓ Dust Cover- One
- ✓ Tissue Capsule Small & medium- Twenty Five
- ✓ Glass Beaker- Twelve
- ✓ Glass fuse- Two
- ✓ Instruction manual –one

INSTRUMENT SUPPLIED IN CARD BOARD BOX WITH STYOFOAM SHEET AND WOODEN CASE