SEMI AUTOMATIC MICROTOME

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.

SEMI AUTOMATIC MICROTOME

ABOUT US

IQI semi automatic microtome characterizes a great combination of cost effective competence and user comfort. Semi automatic microtome is the instrument of choice for clinical histology and histopathology applications.

These are used to produce thin sections of specimen of different hardness in both routine and research applications in biology, medicine and industry.

Every product is put through vigorous test before shipment to ensure performance as well as durability. We feel quality control is a very crucial part of a product's life span. Our products have been thoroughly tested over a wide range of operating conditions. In order to ensure our product quality and reliability as well as to give the best service to every customer, all IQI Histology products offered include warranty supported by our individual distributors with factory backup.

TECHNICAL DATA

- Total section thickness range from 0.5 up to 100µm.
- Specimen retraction during return travel 0-200µm, selectable.
- Motorized Operation Varying with section speed.
- Horizontal specimen feed Approx. 30mm.
- Vertical specimen feed Approx. 60mm.
- Sectioning Modes 1 Manual Mode.
- Specimen Orientation Horizontal : 8°, Vertical : 8°, Z : 360°.
- Object feed 28mm
- Max. Specimen size 50 x 50mm.
- Operation Semi-Automatic.
- Fine section thickness feed via precision stepping motor : 0.25µm-0.5µm-0.75µm-1µm-1.25µ– 1.5µm-1.75µm-2µ– 2.25µm-2.5µ–3µm-3.5µm-4µm-4.5µm-5µm-6µ– 7µm-8µ– 9µm-10µ– 12µm-14µ– 16µ–18µm–20µm-22µm-24µ– 26µ– 28µm-30µm-35µm-40µ–45µ–50µm–55µm-60µm 70µ–80µ–90µm-100µm
- Trimming thickness feed via stepping motor : 1µm–2µm–3µm–4µm–5µm–6µm–7µm–8µ–9µm-10µ– 12µm-14µ–16µ–18µ–20µm-25µ–30µm-35µm-40µ– 45µm–50µm-60µm-70µm-80µ–90µm –100µ–110µ– 120µm-130µm -140µm-150µ–200µm-250µ–300µ– 350µ–400µ–450µm-500µm-550µm-600µm
- Nominal Voltage 220V,50Hz / 110V,60Hz.