



MODEL NO.: YSI-121

**YSI CRYOSTAT MICROTOME
AUTOMATIC**

- Deluxe Model with Motorized section cutting with temperature range from -40°C.

It provides a rapid and easy means for the sectioning of natural tissue from 2 to 20 microns in step of 2 microns without distortion for high quality microscopic examination. Sections have the high resolution of cytological details required for pathological diagnosis, histochemistry, fluorescence, biochemistry, microscopy etc. Technique is simple and easy to learn. To withstand condensation inside the chamber, in built Rotary Microtome is made of entirely rustproof material fitted with anti roll device to avoid curling of sections. Plastic plate is adjustable in all directions.

Cryostat temperature ranges up to -30°C as selected by Solid State Temperature Controller Cum Digital Indicator and is maintained within $\pm 2^\circ\text{C}$ of set temperature and maintained by hermetically sealed compressor system.

Control panel includes Digital Temperature Indicator cum Controller; Defrost Timer Main Switch, Delay Timer and Cooling Indicator and voltmeter.

Inner chamber is made of thick gauge stainless steel. Clear plastic cover, slip in type, at front opening suffices for working access to microtome. Small fluorescent tube light is fitted inside the chamber which switches on automatically whenever plastic door opens to facilitate easy visibility. Microtome hand wheel provided outside the chamber on right hand side for easy operation.

Cabinet is of heavy gauge steel with powder coated exterior finish. Four castor wheels fitted at bottom provide easy mobility for use in various locations and for storage when not in use.

Supplied complete with rustproof in-built microtome, refrigeration unit, transparent door, door cover, four demountable specimen holders, one bottle of low



temperature oil and one microtome knife 120 mm long with back and handle in Plastic box, cord and plug.

Also supplied with one pack of 50 Disposable blades of "Feather" Japan Make. Suitable to work on 220 V, single phase, 50 Hz, AC supply.

Optional Accessories: -

- Voltage Stabilizer (3 KVA)
- Disposable Blade Holder
- Suitable to use with Low Profile or High Profile Blade.
- Block Holder
- Low Temperature Oil
- A Pack of 50 Blades Low Profile or High Profile.
- Disposable Knife.

Spare Accessories

- Block Holder
- Low Temperature Oil.

HISTOPATHOLOGY