

TISSUE EMBEDDING STATION - COMBINED

ES-FROST-C-24

Design, Development & Manufacturing of Histopathology Laboratory Instruments.



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TISSUE EMBEDDING STATION

ES-FROST-C-24

TISSUE EMBEDDING STATION (ES-FROST-C-24) is a precision-engineered laboratory instrument design for efficient embedding of tissue specimen in paraffin wax during histopathology processing. It provides a controlled heated working area, smooth wax dispensing.

KEY FEATURES

Temperature Control

- Microprocessor-controlled heating zones
- Five independently regulated temperature zones
- Dual heated forceps holders
- Six heated forceps wells
- Digital temperature monitoring

User Interface

- LCD touch screen control panel
- Easy menu navigation
- Real-time status display

Paraffin Handling

- Large-capacity paraffin reservoir
- Integrated paraffin filtration system
- Precise gravity-fed paraffin dispensing
- Adjustable paraffin flow control
- Built-in paraffin trimmer

Cooling & Tissue Orientation

- Infrared cold spot for tissue positioning
- Rapid cooling cold plate
- Fast paraffin solidification

Automation

- 7-day programmable start/stop operation
- Automated workflow scheduling

Ergonomic Design

- Illuminated work area
- Compact modular construction
- User-friendly workstation layout



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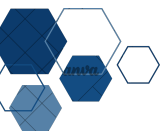


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TECHNICAL SPECIFICATION	
Model Type	Modular Tissue Embedding Station with Integrated Cold Plate.
Control System	Microprocessor Controlled / LCD Touch Screen Interface Also foot pedal control.
Heating Zones	5 Independent temperature-controlled heating zones.
Paraffin tank Capacity:	Large 2 or 3 litre capacity integrated wax storage tank with filter.
Paraffin Reservoir & tap Temperature range	50 to 70°C +/- 1°C.
Forceps Wells:	6 Heated forceps wells (3 on each side).
Forceps Holder:	Dual electrically heated forceps holders.
Working Illumination	Built-in LED working light.
Programming	7-day programmable automatic ON / OFF timer.
Temperature Range	Ambient to 75°C ± 5°C
Cold Plate	Digitally controlled rapid cooling plate.
Cold Spot	Integrated infrared cold spot for specimen orientation.
Cold Plate Temperature	Down to -5°C to -15°C or -10 to -20°C.
Cassette bath	50-70°C +/-1°C.
Cassettes Capacity	80-100 Cassettes.
Nominal Volatage	220–240V AC, 50/60 Hz

DIMENTIONS WITH CARTON BOX

L X B X H
30 X 33 X 21

Weight - 50 Kg



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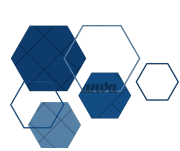


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ACCESSORIES

1. Waste tray - 1 no
2. Foot pedal- 1 no
3. Embedding cup - Assorted - 3 nos
4. Forcep- 3 nos
5. Embedding Ring -12 nos
6. Lid- 4 nos
7. Scraper - 1 no
8. screw driver-1 no
9. stainer -1 no
10. Operating Manual- 1 no

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