



MODEL NO.: YSI-122

YSI TISSUE EMBEDDING STATION



- Tissue Embedding Station

For the past 40 Years the YSI name has been acknowledged nationwide for the superior performance technology in laboratory instrumentation. The new YSI-122 keeps up to that excellence in a unique manner: compact size, user friendly operation and commendable comfort and safety standards set apart this tissue embedding station as much as the contented level of the working surface and the ergonomic design. Substantial work spared with temperature – controlled hand rests to provide safeguard against burn injuries gives greatest freedom of movement to the user. The YSI-122 also offers wide range of accessory options.

Individually heated paraffin dispensing system

The paraffin dispensing system with incorporated filter ensures continuous, reproducible flow, with 8 flow rate settings (optional). Paraffin dispensing can be set in motion manually, via foot switch or paraffin mold handle. To fill large molds the dispensing handle may be pulled back.

Voluminous paraffin collecting tray

Excess paraffin from the separately heated work surface drips straightforwardly into the extra – deep paraffin collecting tray.

Ergonomically designed : Mold Warmer and cassette bath

The Mold warming compartment can be opened widely for easy access and can be heated up to 70°C. The removable, easy to clean cassette bath can hold more than 100 Cassettes.

Menu – Driven for user friendliness with an advantage of setting every parameter with its own individual button, with 7 day programmable timer. All instrument functions including the temperature of paraffin reservoir, cassette bath working surface, mold warmer and the automatic starting time are individually programmable by just pressing a button

The easy to read 7 segment display shows all the essential usage and programming parameters, also errors.

A quick look

- Bench – top unit with well – built frame structure

- Easy – to – Clean

- 3 Ltr paraffin container, temperature setting range 50°C to 70°C
- Voluminous paraffin collecting tray
- Substantial cold plate for at least 60 Blocks
- Menu- driven through microprocessor
- Programmable starting time
- Activation of paraffin flow manually, via foot switch or using the mold in conjunction with a pressure clip
- Working surface, cassette bath, mould warmer and p a r a f f i n reservoir with individual temperature – adjustable.

Voluminous paraffin collecting tray

Excess paraffin from the separately heated work surface drips straightforwardly into the extra – deep paraffin collecting tray.

Five heated areas, including Paraffin Chamber, Paraffin Dispenser, left & right Thermal Storage Compartments, and heating plate (working area), are individually controlled and work independently without interference from each other.

Flexible heating mechanism overcomes the shortcomings of traditional technology that can result in excessive temperature difference. System provides fast heating and precise temperature control. In a addition, the dual-protection from overheating is safe, reliable & energy saving.

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Capacities :-

Paraffin reservoir	: 3L
Cassette Bath	: Ca. 100 Cassettes
Cassette Tray	: 8 Cassettes

Temperature Range of Functional Units :-

Paraffin Reservoir	: 50°C-70°C, Steps of ± 5°C
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Container for Embedding Moulds :-

(Mould Warmer)	: 50°C- 70°C Steps of ± 5°C
Cassette Bath	: < 50°C- 70°C
Working Surface	: 50°C- 70°C
Cold Plate	: 0°C
Forceps Holder, right	: 70°C
Paraffin dispenser & Pump	: 50°C- 70°C, depending on reservoir temperature

Power Draw	: 1000VA
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Mains Connection Voltage	: 230V/50 Hz.
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And Frequency

Operating Temperature Range:	: 18- 40°C
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Dimensions	: 915(W)x400(H)x 622(D)MM
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Weight	: 60 Kg.
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