

# Tissue Embedding Solution

## Features

- Microprocessor Control for temperature, made in the India.
- The Embedding Module and Cryo Module can be assembled freely.
- Flexible heating mechanism, Dual-protection; Safe, Reliable and Energy-Saving.
- Fully programmable computer controls allow automatic system start and stop anytime within a week.
- Automatic Memory and Restoration: After start, all preset temperature data are automatically stored.
- Paraffin Chamber, Paraffin Dispenser, Left and Right Thermal Storage Compartments, and Heating Plate (working area) are individually controlled Optional:
- LuxMed<sup>®</sup> - TEI Cooling Plate:
- Working Size: 320\*300mm.
- Working Temp.: RT-40°C, Temp. can not be adjustable. The lowest can be -30°C.



## Specifications of Paraffin Dispensing Unit

- Capacity of paraffin Tank between 3-5 litres.
- Capacity of Thermal Chambers for storage of molds: min 1.8 litres.
- Temp. Range of paraffin Tank: 50-70° C.
- Temp. Range of thermal chamber: 50-70° C.
- Temp. Range of Hot plates & forceps wells: 50-70° C
- Embedding Station have a connection for electrically heated forceps.
- Embedding Station have six heated wells for normal forceps 3 on either side of the wax dispensing line.
- Embedding Station have Precisely metered and adjustable gravity feed paraffin dispenser to deliver the right amount of paraffin.
- Embedding Station have both finger touch plate and foot switch for control of paraffin flow.
- Embedding Station have a large warm working surface on either side for min 10 cassettes on each side.
- Embedding Station have dor matrix 7 segment display.
- Embedding Station have a Magnifying lens adjustable In any position, large
- Cold spot & illumination for specimen orientation.



## Specifications of Cold Console

- Capacity of freezing up to 60 blocks at a time.
- Temp. Range of cold plate: 0-120C, adjustable in steps of 10 C.
- Compressor to be extra quiet to reduce noise fatigue.
- Cold Console can work independently without switching on dispensing console.
- The system Work on 220-240 V, 50 Hz. and use CFC free gas and the having ISO certification.
- Standard supply with 1000 Nos. Plastic Embedding Rings for making paraffin blocks.
- LuxMed will provides all Certificate of calibration and inspection.

## Models:

<b>Model</b>	LuxMed TECool	
<b>Paraffin Chamber Capacity</b>	3-5L	
	<b>Forceps Wells</b>	
	<b>Paraffin-melting Chamber</b>	
<b>Temp.Range of</b>	<b>Thermal Storage Compartments</b>	55~70°C
	<b>Heated Working Areas</b>	55~70°C
	<b>Paraffin Dispenser</b>	
<b>Temp. Precision</b>	±1%	
<b>Material of Work Table</b>	Granite, easy to clean	
<b>Paraffin Flow Control</b>	Finger touch plate and optional foot pedal	
<b>Power Supply</b>	AC110/220V±10%, 50/60Hz	
<b>Consumption</b>	650W	
<b>External Size(W*D*H)</b>	525*550*385mm	
<b>Package Size(W*D*H)</b>	630*670*520mm	
<b>Gross Weight</b>	41kg	
<b>Optional Accessory</b>	LuxMed TECool Cooling Plate	
<b>Package Size of LuxMed TECool (W*D*H)</b>	700*450*530mm	
<b>Gross Weight of LuxMed TECool</b>	37kg	

