

# TISSUE EMBEDDING SYSTEMS



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The tissue is first fixated and dehydrated to proceed with embedding. In embedding, the tissue is placed within the metal mould which is filled with molten paraffin wax. Then a labelled cassette is also filled with the wax and placed on the top. After that, the mould is transferred to a cold plate to set it resulting in the formation of paraffin embedded tissue block.

Used in Pathology, Histology.

Also known as Tissue Embedding Station.

## LTHIS13-1 TISSUE EMBEDDING SYSTEM

The Embedding system is composed of three modules, main console and Cryo Console and Thermo Console. It is independent design, can put the position left-to-right or right-to-left, to meet Different habits of customers. The large working surface allows user processing many samples at the same time. The temperature and work start time can be settable through the control panel.



### SPECIFICATIONS

Model	LTHIS13-1
Main Console Nominal supply voltage	220 V / 50 Hz
Main Console Maximum power draw	800-1000 W
Main Console Working temperature	From ambient to 99 °C increments 1 °C
Main Console Capacity Paraffin reservoir	6.0 Lt
Main Console Capacity Cassette/mold tray	1.6 Lt
Main Console Dimensions	600mmx650mmx460mm (WidthxDepthxHeight)
Main Console Weight	25 kg
Cryo Console Nominal supply voltage	220 V / 50 Hz
Cryo Console Maximum power draw	180 W
Cryo Console Working temperature	0 °C to - 20 °C, increments 1 °C
Cryo Console Dimensions	410mmx660mmx450mm (WidthxDepthxHeight)
Cryo Console Weight	25 kg
Thermal Console Nominal supply voltage	220 V / 50 Hz
Thermal Console Maximum power draw	500 W
Thermal Console Working temperature	30 – 90 °C
Thermal Console Capacity Paraffin tray	5 Lt
Thermal Console Dimensions	410mmx620mmx440mm (WidthxDepthxHeight)
Thermal Console Weight	14 kg

## LTHIS13-2 TISSUE EMBEDDING SYSTEM

The Embedding center is composed of two modules, main console and Cryo Console. It is independent design, can put the position left-to-right or right-to-left, to meet different habits of customers. The large working surface allows user processing many samples at the same time. The temperature and work start time can be settable through the control panel.



Product Image Coming Soon

### SPECIFICATIONS

Model	LTHIS13-2
Main Console Nominal supply voltage	220 V / 50 Hz or 110 V / 60 Hz
Main Console Maximum power draw	600-800 W
Main Console Working temperature	Ambient to 99°C
Main Console Increments	1 centigrade
Main Console Capacity Paraffin reservoir	3.2 L
Main Console Capacity Cassetes/molds tray	1.4 L
Main Console Dimensions	560×530×350 mm (WxDxH)
Main Console Weight	30 kg
Cryo Console Nominal supply voltage	220 V / 50 Hz or 110 V / 60 Hz
Cryo Console Maximum power draw	110 VA
Cryo Console Working temperature	Ambient to – 20 centigrade
Cryo Console Increments	1 centigrade
Cryo Console Dimensions	345mmx600mmx375mm

## LTHIS13-3 TISSUE EMBEDDING SYSTEM

Automatic program control, It can be setting the operation time for any day, any time, any minute. The machine is composed of two molds, main console and cold plate. It is independent design, can put the position left to-right or right to -left. The large 6L capacity allows user processing 400 tissues at the same time.

With manual operation and pedal switch for the operator to choose. LED light for embedding space. Tweezers storage cylinder is convenient for user. Touching LCD scree is simple and convenient, and it is clear at a glance.



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## SPECIFICATIONS

Model	LTHIS13-3
Main Console Wax cylinder volume	6 L
Main Console Heater temperature setting range	Ambient to 99 °C
Main Console Temperature for the heat preservation tank	ambient to 99 °C
Main Console Temperature for the operation table	ambient to 99 °C
Main Console Working environmental temperature	0 °C - 45 °C
Main Console Dimensions	600x650x450 mm
Main Console Weight	40 kgs
Main Console Voltage	220 V 50 Hz
Main Console Power	1500 W
Cryo Console Size for the cooling surface	365X330 mm
Cryo Console Size for the whole unit	380x650x450 mm
Cryo Console Voltage	110 V – 240 V; 50 Hz – 60 Hz
Cryo Console Power	120 W
Cryo Console Temperature for the cooling plate	- 20 degree

## LTHIS13-4 PARAFFIN DISPENSER

The full automatic procedure control&new heating element gives feature of quick heating & energy saving. It possesses the function of memorization to keep the set temperature automatically after startup. The LED shows heating state.



## SPECIFICATIONS

Model	LTHIS13-4
Range of temperature	Ambient~100 °C
Precision	± 1 %
Voltage	AC 110 V 60 Hz
Power	1200 VA
Capacity	10000 ml
Overall dimension	350x450x510 mm
Net Weight	17 kg

## LTHIS13-5 PARAFFIN TRIMMER

The grooved heating surface channels melted wax to a removable collection tray. The collection tray connects magnetically to the base of the main unit. Disposable plastic liners are included to insert into the collection tray for easy disposal of runoff wax. This unit now includes a digital control panel for personalized settings.



### SPECIFICATIONS

Model	LTHIS13-5
Working area dimension	150x220 mm
Temperature range	Ambient to 75 °C
Temperature control accuracy	± 1 °C
Supply voltage	220 V ± 10 % 50 / 60 Hz OR 110 V ± 10 % 50 / 60 Hz
Max power	240 W
Outside dimensions (WxDxH)	220x160x175 mm
Weight	2.5 kg

## LTHIS13-6 TISSUE WATER BATH

Heat conduct fast, durable. Self memory of temperature. Display presetting temperature & current temperature. Corrosion-resistance of the bath. With the function of spreading and baking slices, the cylinder can be taken out, and 9 glass slides can be placed on the baking slices.



### SPECIFICATIONS

Model	LTHIS13-6
Range of setting temperature	Ambient to 90 °C (constant adjusting)
Temperature precise error	+ 2 °C
Allowance ambient temperature	0 – 40 °C
Working voltage	220 V / 50 Hz
Power	250 W
Dimensions overall	450x400x200 mm (WxDxH)

Weight	7 kg
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## LTHIS13-7 TISSUE BAKING PROCESSOR

Heat conduct fast, durable. Self memory of temperature. Display presetting temperature & current temperature. Corrosion-resistance of the bath.

### SPECIFICATIONS

Model	LTHIS13-7
Range of setting temperature	Ambient to 90 °C (constant adjusting).
Temperature precise error	+ 2 °C.
Allowance ambient temperature	0 – 40 °C
Working voltage	220 V / 50 Hz
Power	250 W
Dimensions overall	450x400x200 mm (WxDxH)
Weight	7 kg

## LTHIS13-8 TISSUE FLOTATION WORKSTATION

Adopting modular design, the three parts of water Flattening Bath, Drying slice and Baking slice have independent temperature control accurately. Black enamel polymer bleaching tank, clear contrast when fishing, easy to operate. Unique corrugated drying slot design, the slides are inserted at an oblique angle of 60°, which is convenient for actual operation, and can handle 40 slides at the same time. The baking sheet room can hold 3 dyeing racks of 30-40 sheets, and can also put 2pcs 250ml beakers to melt the wax at the same time, which can satisfy High-volume work requirements. The baking room can set different baking time according to the temperature, and there is an audible alarm.



Product Image Coming Soon

### SPECIFICATIONS

Model	LTHIS13-8
Dimension	510×340×220 mm (WxDxH)
Dimension of Water Bath	190×140×70 mm (WxDxH)
Temperature control range	Three parts all adjustable from 30 – 90 °C, automatic constant temperature

# LTHIS13-9 TISSUE FLOATING WATER BATH

Round tissue bath has black non-stick coated interior to reduce glare and improve visibility. Top ledge allows space for preheating or for evaporating away any remaining water. Durable fiberglass insulated body prevents heat loss. Glass lid and detachable power cord for easy cleaning.



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## SPECIFICATIONS

Model	LTHIS13-9
Capacity	2.5 L
Temperature range	RT to 75 ° C
Outside Size	270x210 mm (D)x(H)
Interior Size	210x65 mm (D)x(H)
Power consumption	400 W
Power supply	AC 110 V / 220 V ± 10 %, 50 / 60 Hz



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