

**Shandon  
Histocentre™ 3  
Embedding Center**



**Simplicity  
Modularity  
Capacity**

## Shandon Histocentre™ 3

New two-piece modular system

### Simplicity

Easy to operate

Large, touch screen display

Front control panel settings

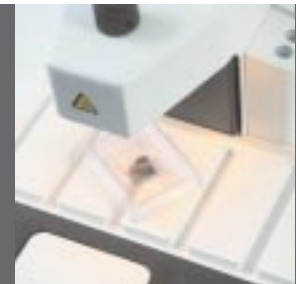
Preset timers for remote power-up

### Features

#### Embedding Module

- Smart-timer digital control has the unit at temperature and ready for use when you arrive at work. At the end of the day, the unit turns itself off.
- Auto-on light setting. When you dispense paraffin, the light automatically illuminates; when you are finished embedding, the light shuts off.
- Low profile 3.375" high (8.6 cm) working surface.
- Easy-to-use touch screen display allows you to adjust settings or view temperatures quickly.
- Thermoelectrically cooled "Cold Spot" aids specimen orientation.
- Fast melting 5-liter capacity paraffin tank.
- Gravity feed, "paraffin-on-demand" dispensing system.
- Large tissue storage tank with removable lid. Able to hold:
  - 6 Shandon Pathcentre baskets
  - 8 Shandon Excelsior baskets
  - 2 Shandon Hypercenter baskets and all competitors' baskets
- Hot spot illumination provided by a single 10 watt Halogen lamp with 5 brightness settings.
- Forceps holder for right or left hand operation.
- Waste Wax is stored then drained through a valve and hose for simple, clean disposal.
- Easy-to-drain tissue storage tank reduces the possibility of specimen contamination and makes cleaning easy.
- Easy "wipe-clean" surfaces which interface evenly with the cold module(s).
- Insulated front wrist support edge.
- Built-in power supply for Shandon's electrically-heated forceps.
- Standard magnifying glass.
- Paraffin dispense flow rate fully adjustable.
- Cool-touch tamping tool in two sizes.

The new Shandon Histocentre 3 is an integral part of the workflow in Histology laboratories, representing a workstation that complements any automatic tissue processor.



## Modularity

Designed as a 2-piece system —  
embedding center and cold plate

Able to add additional cold plate

Right or left hand operation

## Capacity

Five liter paraffin tank

Mold storage area holds 200 standard base molds

Cold plate holds 72 standard molds

Extra large cassette holding area  
holds 6 Shandon Pathcentre® baskets or  
2 Shandon Hypercenter® baskets or 8 Shandon  
Excelsior™ baskets

## Cold Plate Module

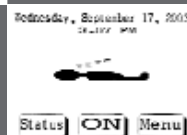
- Low profile 3.375" high (8.6 cm) working surface.
  - Large, 14" x 16" (40.5 x 35.5 cm) cold surface accommodates approximately 72 standard 2" x 1.5" (5 cm x 3.8 cm) molds.
  - Cold plate factory pre-set temperature of -12° C.
  - Quiet (less than 65dB) refrigeration system.
  - Achieves temperature in less than 30 minutes.
  - Easy "wipe-clean" top to avoid wax build-up.
- Insulated front wrist support edge.
  - Maintains temperature within  $\pm 5^{\circ}\text{C}$  while loading 3 cassettes/min.

## Options

- Add-on additional cold plate.
- Combination magnifying glass/lamp system.



Tamping tool positions  
and flattens specimen.  
Comes with a heat-  
resistant handle.



## Shandon Histocentre™ 3 Embedding Center

### Physical Specifications

Description	Agency Approvals	Part No.
Histocentre 3 Embedding Centre with UK power cord, 220-240 VAC, 50-60Hz	CE & CSA	B64100001
Histocentre 3 Embedding Centre with US power cord, 110-120 VAC, 60Hz	CSA/NRTL	B64100002
Histocentre 3 Embedding Centre with European power cord, 220-240 VAC, 50-60Hz	CE & CSA	B64100003
Histocentre 3 Embedding Centre with Japanese power cord, 100-120 VAC, 50/60Hz	CSA/NRTL	B64100004
Histocentre 3 Embedding Module, no power cord included, 100-240 VAC, 50/60Hz	CE & CSA/NRTL	B64100010
Histocentre 3 Cold Plate, no power cord included, 220-240 VAC, 50-60Hz	CSA/NRTL	B64100011
Histocentre 3 Cold Plate, no power cord included, 110-120 VAC, 60Hz	CSA/NRTL	B64100012
Histocentre 3 Cold Plate, no power cord included, 100-120 VAC, 50/60Hz	CSA/NRTL	B64100013

### Embedding Module

Width: 25.1" (63.8 cm)	Length: 23" (58.4 cm)	Working Height: 3.375" (8.6 cm)
Height: 13.3" (33.8 cm)	Weight: 55 lb. (33 kg)	

### Tissue Storage Compartment

Width: 19.75" (50.16 cm)	Length: 11.25" (28.57 cm)
Height: 3.63" (9.22 cm)	

### Power Requirements

100V, or 110V, or 230V, 50/60 Hz

### Cold Plate

Width: 16" (40.64 cm)	Length: 23" (58.4 cm)	Working Height: 3 3/8" (8.25 cm)
Height: 12.5" (31.75 cm)	Weight: 42 lb. (19 kg)	Working Surface: 16" x 14" (40.64 x 35.56 cm)

### Power Requirements

100 – 240V, 50/60Hz

### Temperatures

Cold Plate:	-12°C, ±5°C
Hot Spot:	50 – 70°C, ±3°C
Tissue Storage:	50 – 70°C, ±3°C
Mold Storage:	50 – 70°C, ±3°C
Paraffin Tank:	50 – 70°C, ±2°C
Cold Spot:	5°C, ±5°C at 22°C

### Included with Product

Standard Magnifier, Foot Pedal, Paraffin Filter, Drain Hose, Tamper Large 3/4" Square, Tamper Small 1/2" Square, Scraper, Operator Manual, Wrench.

### Optional Accessories

Optional Accessories	Reorder No.
Magnifier	B64110006
Magnifier with light	B64110028
Forceps Red 1 mm tip	B64110040
Forceps Yellow 2 mm tip	B64110041
Forceps Blue 4 mm tip	B64110042
Foot Pedal	B64110024
Paraffin Filter	B64110016
Drain Hose	B64110025
Tamper Lg 3/4" square	B64110005
Tamper Small 1/2" square	B64110026
Scraper	B64110023
Operator Manual	B64110021

## Shandon Precision Cut Paraffin



- Low polymer content for superior tissue penetration and infiltration, easier paraffin removal, deparaffinization, better antigen recovery and longer blade life.
- Good ribbon capability.
- Translucent, allowing the user to easily identify tissue in the block, even needle biopsies.
- 3 melting temperatures for user preference.
- Tested for microwave use.

Description	Pkg/Qty	Order No.
Precision Cut Paraffin, melting point of 56° to 58° C	Case of 4 x 2.5 kg	B1002490
Precision Cut Paraffin, melting point of 52° to 54° C	Case of 4 x 2.5 kg	B24209
Precision Cut Paraffin, melting point of 62° to 64° C	Case of 4 x 2.5 kg	B24210

## Shandon Biopsy Bags CE [VD]



- Allows unrestricted fluid movement around tissue.
- Reduces risk of small specimen loss.
- Reduces reagent carry-over and pressure artifact often found with sponges.
- Peel-open, acid resistant Biopsy Bags conveniently expose specimen for rapid removal and have all the benefits of regular biopsy bags plus acid resistance for use in decalcification.

Description	Pkg/Qty	Order No.
Nylon (Small) 1" x 1.33" (30 x 40 mm)	200/Pk 500/Pk 1000/Pk	6774014 6774015 6774010
Nylon (Medium) 1.75" x 3" (45 x 75 mm)	200/Pk 500/Pk 1000/Pk	6774012 6774013 6774009
Nylon (Large) 3" x 3.75" (75 x 95 mm)	500/Pk	6774011
Acid Resistant (Small) 1" x 2" (30 x 50 mm)	250/Pk	6774051
Acid Resistant (Medium) 1.75" x 3" (45 x 75 mm)	250/Pk	6774050
Acid Resistant (Large) 3" x 3.75" (75 x 95 mm)	250/Pk	6774052

## Shandon PARA TRIMMER®



The Shandon Para Trimmer is designed to remove excess wax from the outside of a tissue cassette after embedding. The unit has a heated surface scraping the softened wax from the cassette. Multiple blocks may be passed across the surface at one time. Paraffin should be removed to properly seat the blocks in the quick-release clamp or vise to achieve the best section quality from your microtome.

Shandon Para Trimmer measures 6.75" x 5.25" x 7.125" (17.2 cm x 18.5 cm x 13.3 cm) weighing 2 pounds (1 kg) UL, C-UL, CE Mark.

Description	Order No.
Shandon PARA TRIMMER dual voltage, 110-240V 50/60Hz	B3120205



### About Thermo Electron

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