

## LambTec EMBEDDING CENTER

Cat Ref E66.2/4

The LambTec is the 4th-generation model of Raymond A Lamb's popular Blockmaster embedding centers. Made up of three modules – a control module, a cold plate and a work stage - the LambTec is reliable, efficient, and easy-to-use. Its simple and robust design includes a large, well-drained mold oven, an integrated control panel with large display, an illuminated work area, a large capacity paraffin wax reservoir, and a socket for heated forceps.

- Easy to clean
- Large well drained mold oven
- Simple and robust design
- Large display
- Illuminated work area
- Large capacity paraffin wax reservoir
- Good ergonomic layout
- Easy-to-use controller
- Socket for heated forceps



### SPECIFICATIONS

- DIMENSIONS**
- Overall: Width 440mm x Depth x 625mm x Height 260mm
  - Height of work surface: 65mm from bench level
  - Paraffin Wax reservoir: Width 177mm x front to back 187mm x Depth 150mm
  - Paraffin Wax bath: Width 229mm x front to back 290mm x Depth 45mm
  - Warming oven: Width 220mm x Depth (ranging from) 40mm-230mm x Height (ranging from 65mm-170mm)

### TEMPERATURE RANGE

- Paraffin Wax reservoir: 40<sup>o</sup> – 70<sup>o</sup>C
- Work surface: 40<sup>o</sup> – 70<sup>o</sup>C
- Paraffin Wax bath: 40<sup>o</sup> – 70<sup>o</sup>C
- Cold Plate: see page 23

### POWER SUPPLY/RATING

- 220-240V 50Hz or 110-120V 60Hz AC Switchable (For Cold Plate see page 23) 700 Watts

### CAPACITY

- Paraffin wax reservoir: 4.7 Liters

### WEIGHT

- 27Kgs



### CONTROL MODULE

The control module has a large display and wipe clean key pad. All controlled temperatures are displayed graphically and in text. Changing set temperatures is easy and requires very few key strokes. The controller can be easily programmed to turn on the different sections at set times so they are ready for use at the time selected.

### COLD PLATE

The cold plate of the LambTec utilizes the standard E66.3 Cold Plate (see next page for full details). It has its own temperature controller but can be turned on and off via the control module timer. The large cold plate is supplemented by a removable tray that gives extra storage and also acts as a drip tray when the unit is defrosted. The tray also has a stainless steel wrist rest.

### WORK STAGE

The work stage is made up of a single casting ensuring no leaks. The casting is coated with a light blue Fluorocarbon coating that is extremely hard wearing and easy to clean. The light blue color makes it easier to find small biopsies should they be dropped. The large warming oven is virtually self-cleaning and has four guides for stacking molds and a top platform for used molds. The paraffin wax reservoir has a capacity of 4.7 liters. The paraffin wax is delivered using either a foot switch or a finger operated switch. The cold spot is positioned in front of the delivery tap and is flush with the work surface. The paraffin wax bath is fitted with a stainless steel tray with a fine perforated base 3mm clear of the bottom giving good separation from any debris that might get into the bath. An aluminum drainage platform is at the front of the bath. The stainless steel wrist rest at the front of the work stage gives the user a smooth cool support for the hands. A socket for the heated forceps is positioned at the right-hand side of the unit.



## COLD PLATE

Cat Ref **E66.3**

The Cold Plate module of the LambTec Embedding Center is also available as a stand-alone unit. This unit has a large compressor-cooled plate with a removable drip tray that slides out from the front. The cold plate is controlled by an easy-to-read digital thermostat.

### Specifications

DIMENSIONS	Height 255mm x Depth 600mm x Width 385mm
TEMPERATURE RANGE	Plate – 8°C to ambient
POWER SUPPLY/RATING	220-240V 50Hz or 110-120V 60Hz AC 450 Watts (maximum)
WEIGHT	18.5Kg



## HEATED FORCEPS SYSTEM

Cat Ref **E66.4L**

The Raymond A Lamb heated forceps system is digitally controlled and has the capacity for two pairs of forceps to be used simultaneously.

The temperature of each pair of forceps can be set individually by an easy-to-read keypad. The unique design ensures that the arms of the forceps are always proportionately cooler than the tips making them more comfortable to use. The system consists of a low profile unit with an easy-to-read digital display and keypad and is powered by a multi-voltage power supply.

The forceps are available in three sizes – 1mm (red) 2mm (yellow) or 4mm (blue) and can be used with the LambTec Embedding Center.

System and forceps supplied separately.



Cat Ref		Tip Size	Length of Forceps
E66.4L	Forceps System Only		
E66.4L/1	Forceps	1mm	150mm
E66.4L/2	Forceps	2mm	150mm
E66.4L/4	Forceps	4mm	150mm

### Specifications (Forceps Unit only)

DIMENSIONS	Width 125mm x Depth 200mm x Height 85mm
TEMPERATURE RANGE	60°-70°C
POWER SUPPLY/RATING	100-240V 50/60Hz
WEIGHT	750g



**HIGH CAPACITY PARAFFIN WAX DISPENSER**

Cat Ref E66HC

Our high capacity paraffin wax dispenser has a capacity of 2.5 gallons (10 liters) of molten paraffin wax. Its sleek design and white epoxy finish facilitate cleaning. Digital electronics provide precise temperature control (with display) and the industry's first clog-free electronic tap gives a high flow rate.

**Specifications**

DIMENSIONS	Width 275mm x Depth 385mm x Height 525mm – Tap from bench: Height 150mm
TEMPERATURE RANGE	40° - 70°C (+/- 2°) at 20°C ambient
POWER SUPPLY/RATING	220-240V or 110-120V 50/60Hz AC Switchable 460 Watts
CAPACITY	10 Liters/2.5 Gallons
WEIGHT	8.5Kgs