

HESTION

- *Histology*

Daintree Scientific – Australia



TEC2800 EMBEDDING CENTRE

Our TEC2800 consists of three modules:

TEC2800M – main unit

TEC2800C – cryo console

TEC2800T – thermal console

With a useful addition - TEC2900 trimming block

******All modules can be used in conjunction , or as stand alone units******

TEC2800M-----

Working surface :The tissue embedding cassettes and base mold trays are removable and can be set at different temperatures .The heated forceps holder can be set at the preferred temperature .The ergonomic large working surface allows processing many samples at the same time .The setting knobs allow precise adjustment of the paraffin flow

All functions of the TEC-2800 are settable through the control panel:

Temperature of working surface

Temperature of molds, cassettes, warming trays

Temperature of paraffin tank

Work time and day can be programmed automatically

The large work surface allows draining of the excess paraffin into two large collecting trays and allows processing of many samples at the same time

The temperature can be set from ambient temperature to 99deg C and can be adjusted through the control panel

The large peltier cold spot is designed to orient both small and large samples(Mega Cassettes) . The temperature range is from room temp. to -5 deg C

Nominal supply voltage 220V/50HZ Maximum power draw 1000VA

Working temperature from ambient to 90°C in increments of 1°C

Capacities: Paraffin reservoir 4.5L Cassettes/molds tray 1.4L

Dimensions Width 560mm Depth 640mm Height 400mm

Weight 26kg



TEC2800C

The TEC-2800 Cryo Console is composed of a compressor cooled work surface for chilling the paraffin blocks rapidly. The Teflon coated surface allows a minimum of ice formation and easy cleaning. Temperature is adjustable from ambient to -13°C.

TEC-2800 Cryo Console can also be used as a stand alone unit near the microtome station.

Nominal supply voltage 220V/50HZ Maximum power draw 110VA

Working temperature from ambient to -13°C in increments of 1°C

Dimensions Width 340mm Depth 540mm Height 390mm

Weight 24kg



TEC2800T

The TEC-2800 Thermal Console holds processed tissue specimens in any type of cassette, awaiting paraffin embedment. Stores and warms samples in a large paraffin tank (2.5 Litre)

Temperature can be set from ambient to 75°C.

TEC-2800 Thermal Console can also be used as a stand alone unit near Microtome.

Nominal supply voltage 220V/50HZ Maximum power draw 400VA

Working temperature from ambient to 75°C in increments of 1°C

Capacity 2.5L

Dimensions Width 300mm Depth 540mm Height 390mm

Weight 7.5kg



TEC2900

The TEC-2900 Histo Trim is a practical device designed to remove excess paraffin from the embedding cassettes after inclusion of specimens. By scraping the embedded block on the “grooved plane” heated surface, excess paraffin will be removed leaving the cassette clean , ready to be set properly on the clamp of the microtome.

Temperature can be set from ambient to 90°C

Table top (mm): 150×220

Temperature control accuracy: ±1°C

Rated voltage: 220V ± 10% 50HZ

Outside dimensions (mm): 200(w)×160(D)×175(H)

Weight: 2.5kg

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