



TISSUE EMBEDDING SYSTEM



Tissue Embedding System

TAUBE-500 Tissue Embedding System



FEATURES:

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.

MAIN CONSOLE:

1. The ergonomic large working surface allows processing many samples at same time.
2. The large cold spot Peltier is designed to orient even small and big samples (Mega Cassettes).
3. Work start time and day can be programmed automatically.
4. The tissue embedding cassettes and base molds trays are removable and can be set at different temperatures.

1. It is composed of a compressor cooled work surface held to chill the paraffin blocks rapidly.
2. The Teflon coated surface allows a minimum ice formation and easy cleaning.
3. Temperature is adjustable from ambient to - 20 centigrade.
4. It can be used as a stand alone unit near the microtome station.

ThermoConsole:

1. It is removable in order to facilitate cleaning operations.
2. Stand alone unit near microtome/embedding unit.
3. It may be placed randomly up to user operating habit.
4. Thermal Console holds processed tissue specimens, in any type of cassettes, awaiting paraffin embedment. Stores and warms specimens in a large paraffin tank. Working Surface.

TechnicalData

1. Nominal supply voltage: 220V-240V / 60Hz
2. Maximum power draw: 650VA
3. Working temperature: from ambient to 80°C increments 1°C
4. Capacity: Paraffin reservoir: 6.0 Lt
Cassette/mold tray: 1.6 Lt
5. Dimensions: Width: 600mm
Depth: 650mm
Height: 460mm
6. Weight: 30Kg

Cryo Console specification:

1. Nominal supply voltage: 220V/50Hz
2. Maximum power draw: 200VA
3. Working temperature: from 0°C to -20°C increments 1°C
4. Dimensions: Width: 410mm
Depth: 580mm
Height: 440mm
5. Weight: 25Kg

Thermal Console specification

1. Nominal supply voltage: 220V-240V / 60Hz
2. Maximum power draw: 650VA
3. Working temperature: from ambient to 80°C increments 1°C
4. Capacity : Paraffin tray: 5Lt
5. Dimensions: Width: 410mm
Depth: 620mm
Height: 440mm
6. Weight: 13Kg

Accessories:

Standard Setting List

- | | |
|----------------|--------|
| 1. Foot Switch | 1 pc |
| 2. Magnifier | 1 pc |
| 3. Fuse (5 A) | 2 pcs |
| 4. Power line | 3 line |

Optional Accessories:

1. Temperature sensor
2. LCD Screen

Package Info:

Each instrument packed Wooden Case

Ourter Case for Main console: 785*725*630 mm,

Ourter Case for Cryo console: 805*535*630 mm,

Ourter Case for Thermo console: 725*530*620 mm,

Gross Weight for main console : 50 kg

Gross Weight for Cryo console : 45 kg

Gross Weight for Thermo console : 36 kg

TAUBE-300 Tissue Embedding System

It is independent design, can put the position left-to-right or right-to-left, to meet different habits of customers.



Feature :

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.

Characteristics:

Main Console:

1. The ergonomic large working surface allows processing many samples at same time.
2. The large cold spot Peltier is designed to orient even small and big samples (Mega Cassettes).
3. Work start time and day can be programmed automatically.
4. The tissue embedding cassettes and base molds trays are removable and can be set at different temperatures.

Cryo Console:

1. It is composed of a compressor cooled work surface held to chill the paraffin blocks rapidly.
2. The Teflon coated surface allows a minimum ice formation and easy cleaning.
3. Temperature is adjustable from ambient to -13centigrade.
4. It can be used as a stand alone unit near the microtome station.

Technical data:

Main Console:

1. Nominal supply voltage: 220V-240V / 60HZ
2. Maximum power draw: 1000VA
3. Working temperature: From ambient 90 centigrade
4. Increments: 1centigrade
5. Capacity: Paraffin reservoir: 3.1 L
Cassetes/molds tray: 1.4L
6. Dimensions: (W*D*H) 560×530×350mm
7. Weight: 30kg

Cryo Console:

1. Nominal supply voltage: 220V-240V / 60HZ
2. Maximum power draw: 110VA
3. Working temperature: From ambient to -20 centigrade
4. Increments 1 centigrade
5. Dimensions: (W*D*H) 340mm * 540mm * 410mm
6. Weight: 24kg

Accessories:

Standard Setting List

- | | |
|----------------|--------|
| 1. Foot Switch | 1 pc |
| 2. Fuse (5 A) | 2 pcs |
| 3. Power line | 2 line |

Optional Accessories

1. Temperature sensor

Package Info:

1. Each instrument packed Wooden Case
2. Outer Case for Main console: 620*610*430 mm
3. Outer Case for Cryo console: 360*560*430 mm
4. Gross Weight for main console : 40 kg
5. Gross Weight for Cryo console : 34kg

TAUBE-600 Tissue Embedding System



Features :

1. Automatic program control, It can be setting the operation time for any day, any time, any minute
2. In a week
3. 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
4. The large 6L capacity allows user processing 400 tissues at the same time.
5. With manual operation and pedal switch for the operator to choose
6. LED light for embedding space
7. Tweezers storage cylinder is convenient for user
8. Touching LCD scree is simple and convenient, and it is clear at a glance

Technical Data :

Main Console:

Wax cylinder volume: 6L

Dimensions: 600 x 650 x 450mm

Weight: 40kgs.

Voltage: 220V-240V / 60Hz

Power: 1500w

Heater temperature setting range: ambient to 99 °C

Temperature for the heat preservation tank: ambient to 99 °C

Temperature for the operation table: ambient to 99 °C

Working environmental temperature: 0 °C - 45 °C

Cryo Console:

The size for the cooling surface: 365x330mm

The size for the whole unit: 380x650x450mm

Voltage: 220v-240v / 60Hz

Power: 120W

The temperature for the cooling plate: -20 degree

Accessories:

Standard Setting List

- | | |
|----------------|--------|
| 1. Foot Switch | 1 pc |
| 2. Fuse (5 A) | 2 pcs |
| 3. Power line | 2 line |

Optional Accessories

1. Temperature sensor

Package Info:

Each instrument packed Wooden Case

Ourter Case : 1180*750*620 mm,

Gross Weight : 100 kg