

Moss Instruments

Registration number: Administration of Zhejiang Province (quasi) word 2009 No.
11400117

TEC2800

Embedding Center

Operation Manual

Jinhua Moss Instruments Co., Ltd

I : Overview

TEC2800 embedding machine is a common pathological tissue embedding instrument. Temperature-controlled wax cylinders, tweezers, storage block Hawfinch pipeline heating system, thermal insulation cylinder and a working table and frozen. To create a comfortable operation conditions for users, storage temperature of the embedding forceps block process of TCM use tweezers to maintain a certain temperature, improve tissue embedding quality. It is suitable for hospital pathology room.

1. Main Characteristics:

- reasonable layout, convenient operation
- automatic program control, can be preset for working start time of every day in a week
- manual operation, pedal control arbitrary choice
- wax cylinder double overheating protection, safe and reliable
- installed with lamp, applicable minimum specimen operation

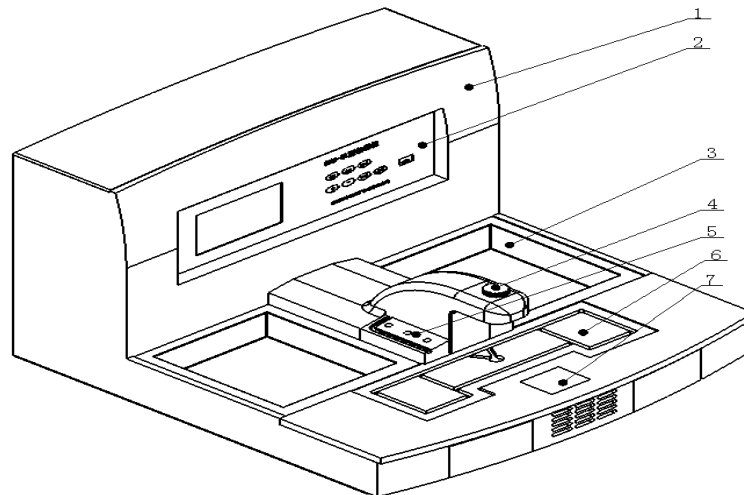
2. Using environmental conditions:

- working power supply: 220V + 10%, 50HZ + 1HZ
- environmental temperature: 5 °C - 40 °C
- relative humidity: ≤ 85%
- atmospheric pressure: 86 106kpa

3. Security type:

- common type I, B.

Two, structural features: (see Figure 1)



1, main body; 2, operation panel; 3, the insulation cylinder (2); 4 knob; 5, heat storage block; 6, table 7, cold stage;

Fig. 1

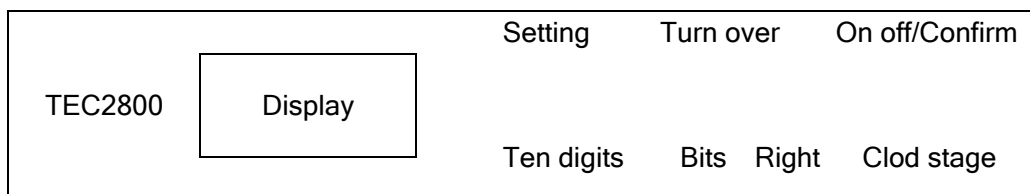


Fig.2

1, Operating panel (see Figure two)

(1) Setting: temperature setting and timing start setting of the 5 heating zones, (A: wax cylinder; B: right preservation box; C: working table; D: left preservation box; e: Hawfinch) please press confirm key each set to save data.

(2) Turn over: change the modified digital.

(3) On off / Confirm: the startup and shutdown function keys of the

machine.

(4) Ten digits : increase the numerical data in setting state

(5) Bits: reduce the numerical data in setting state.

(6) Right: timing shifting key.

(7) Cold stage: the startup and shutdown of the cold stage.

Two, Structural characteristics:

2 Back panel instruction: (see Figure three)

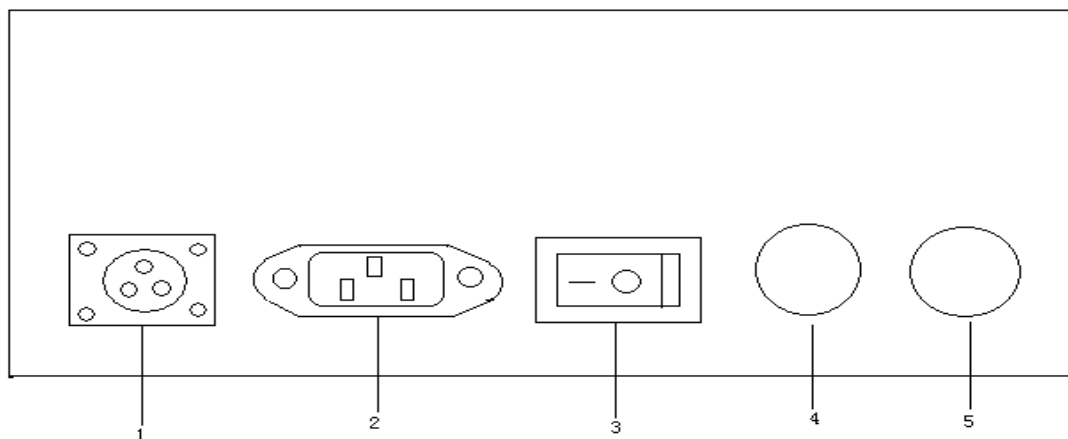


Fig.3

(1) Aviation socket : connect the pedal switch, be used to start the electromagnetic valve.

(2) Three lines power supply socket: AC220V power line socket.

(3) Power switch: press the "1" end, green light turns on indicating the power supply is switched on, press the "O" end, green light turns off indicating the power

supply in switched off.

(4, 5) Power fuse: this machine configured fuse is BGD-10A (ϕ 5 × 20), 2 pieces.

3, The power switch and the light switch (see Figure four)

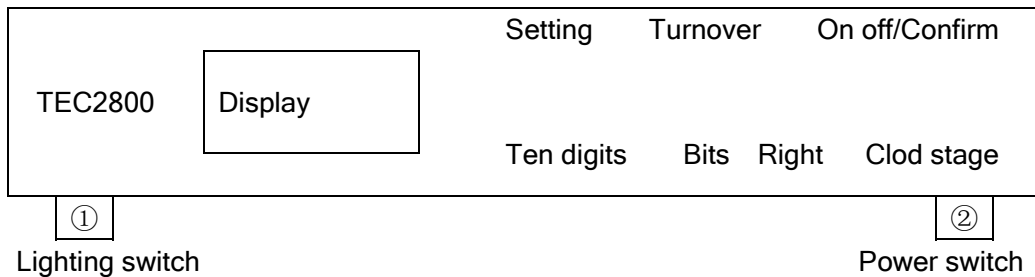


Fig.4

Three, The main technical specifications:

Heater temperature setting range: room temperature to 99 °C

Heater temperature displaying error: $\pm 2\% \leq$ measured values

Heating time to reach the setting temperature: ≤ 60 minutes

Automatic operation timing setting range: any day, any time, any
minute in a week.

Work area: wax cylinder volume: 500*110*110mm, 6L

Thermal insulation cylinder volume: 210*175*45mm, a total of 2

Embedded workbench area: 370*115mm

Cold table area: 90*50mm

Power: 1000W

Dimensions: 600 x 580 x 410mm

Weight: 25kg.

Four, tattoo matters needing attention:

1, Open the package, inspect the appearance of the instruments, check and accept the random accessories after the arrival immediately. Please read the instructions carefully before operating the machine.

The operators must hold operation certificates.

2, In order to ensure the safety of persons and equipment, the machine must use three lines power supply, and ensure the equipment reliable grounding. Prohibit using the power to no ground or not ground.

3, In order to prevent the heating temperature is too high, the internal installation of overheat protection temperature relay. Such as the heating temperature is too high, when above a critical temperature of 95 °C, temperature relay can automatically cut off the heating power!

4, When the wax is not dissolved, do not use hand or foot switch to prevent the leakage of wax from wax mouth.

5, after the end of the work, please unplug the power plug, do the cleaning and maintenance work.

Five, The warranty repairs:

In the case of users are in compliance with the using rules, our company or legitimate dealers are responsible for the warranty within one year from the sale. The repair of the product needs certain professional knowledge, please do not repair by yourself. Failure to occur over the warranty period of the products, please inform our company as soon as possible. Our company will repair timely in accordance with the provisions.

Six, Transport, storage:

- 1, Transportation: Products after packing is applicable to a variety of transport modes in the conditions away from direct attack of rain and snow.
- 2, Storage: Products after packaging can be kept for half a year at a temperature of 0 °C - 40 °C, under the conditions of no acid, no alkali corrosion free gas.

Thank you for buying the TEC2800 embedding machine made in our company. This operation manual will help the users to grasp the correct using methods of product as soon as possible. If you need help, please contact to our company.

Registration standards: YZB/ Su 0017-2009

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