

## MES-650 Tissue Embedding System



### Features :

1. 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.

2. Main Console:

3. The ergonomic large working surface allows processing many samples at same time.

4. The large cold spot Peltier is designed to orient even small and big samples (Mega Cassettes).

5. Work start time and day can be programmed automatically.

6. The tissue embedding cassettes and base molds trays are removable and can be set at different temperatures.

### **Cryo Console:**

7. It is composed of a compressor cooled work surface held to chill the paraffin blocks rapidly.

8. The Teflon coated surface allows a minimum ice formation and easy cleaning.

9. Temperature is adjustable from ambient to - 20 centigrade.

10. It can be used as a stand alone unit near the microtome station.

### **Thermo Console:**

It is removable in order to facilitate cleaning operations.

Stand alone unit near microtome/embedding unit.

It may be placed randomly up to user operating habit.

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

**Technical Data :**

11. Nominal supply voltage: 220V/50Hz
12. Maximum power draw: 650VA
13. Working temperature: from ambient to 80°C increments 1°C
14. Capacity
15. Paraffin reservoir: 6.0 Lt
16. Cassette/mold tray: 1.6 Lt
17. Dimensions
18. Width: 600mm
19. Depth: 650mm
20. Height: 460mm
21. Weight: 30Kg
22. Cryo Console specification
23. Nominal supply voltage: 220V/50Hz
24. Maximum power draw: 200VA
25. Working temperature: from 0°C to -20°C increments 1°C
26. Dimensions
27. Width: 410mm
28. Depth: 580mm
29. Height: 440mm
30. Weight: 25Kg
31. Thermal Console specification
32. Nominal supply voltage: 220V/50Hz
33. Maximum power draw: 650VA
34. Working temperature: from ambient to 80°C increments 1°C
35. Capacity : Paraffin tray: 5Lt
36. Dimensions
37. Width: 410mm
38. Depth: 620mm
39. Height: 440mm
40. Weight: 13Kg

**Accessories:**

41. Standard Setting List

- 42. 1. Foot Switch            1 pc
- 43. 2. Magnifier            1 pc
- 44. 3. Fuse (5 A)            2 pcs
- 45. 4. Power line            3 line
- 46. Optional Accessories
- 47. Temperature sensor
- 48. LCD Screen

Package Info:

Each instrument packed Wooden Case

Outer Case for Main console: 785\*725\*630 mm,

Outer Case for Cryo console: 805\*535\*630 mm,

Outer 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