

EMBEDDING UNIT - 1No.
Doc. No: ST/12/Embedding Unit/2016-17/24

Technical Specifications

1. The embedding system with microprocessor regulated bench top tissue embedding system with touch pad control to adjust the wax-dispensing unit, cooling, heating and pre-warming unit. Each module should have display and Independent control.
 2. The Paraffin melting reservoir should have temperature range between 50° C to 70° C, or better with 1°C steps.
 3. The Paraffin reservoir should have at least 3 liters or better capacity to hold melted wax.
 4. Cold plate module should have sufficient space to accommodate at least 50-60 blocks.
 5. Refrigerated spot should be integrated in cold plate for tissue orientation.
 6. Appropriate cassette bath store.
 7. Mould warmer and work surface temperature should be programmable in the range of 50° C to 70° C, or better with 1° steps.
 8. Modules for cold spot should have temperature 4°C or better. While the cold plate should have -5°C or better.
 9. All modules (wax reservoir, heating plate, cold spot, cold plate etc.) should have independent temperature adjustment.
 10. Flow of wax from reservoir should be adjustable using foot peddle or by knob.
 11. Embedding system should have programmable work flow with automatic start up and switch off time.
 12. Forceps warmer along with 1 mm, 2mm and 4mm tip.
 13. LED lighting for Specimen illumination
 14. Metal base molds at least 100 in numbers with depression of 7x7x5mm size.
 15. Embedding cassettes 2000 fitting on the above metal base moulds.
 16. Long forceps, three in numbers, 300 mm length with 25mm corrugated handle.
 17. Forceps made of spring steel, Blunt 115 mm length, ten in numbers.
 18. Operating voltage: 230 v / 50HZ
- ❖ **Branded suitable UPS with 1hr backup**
 - ❖ **Warranty: 3 years comprehensive warranty and 2 years non-comprehensive warranty Should provide at free of cost.**
 - ❖ **Any other items required to make it a complete system to be quoted**