KD-BMIII, BLIII Tissue Embedding & Cooling System

Features:

- Fully programmable computer control allows automatic system start and stop anytime (weekly);
- The use of new silicon rubber heating elements achieves rapid even, reliable, energy saving heating;
- Temperature is precisely measured by temperature-sensing integrated blocks made in USA, and is LCD-displayed with icons demonstrating current working status;
- Five heated areas, including Paraffin Chamber, Paraffin Dispenser, left and right Thermal Storage Compartments, and heating plate (working area), are individually controlled and work independently without interference from each other.
- Five temperature-control channels and multiple overheating protection mechanisms provide safe, reliable, and energy-saving protection;
- Automatic memory and restoration functions: After startup, all preset temperature data are automatically stored in the system;
- Flexible module configuration options through a design which separates the Cryo Module from Embedding Module, enabling easy maintenance;
- Freezing temperature can be adjusted due to the use of a new-type inverter compressor;
- The temperature of the cryo plate equipped with this system is controlled independently and can be used to freeze tissue more conveniently, particularly for small specimens;
- Paraffin Chamber with super large capacity enables embedding a large number of specimens at same time;
- Safe and reliable low-voltage illuminating system with two ON/OFF control options (finger or foot-operated)
- Heated working plate and forceps wells make tissue embedding more convenient
- High-precision clock makes time setting more convenient and accurate
- There is an automatic actuation, can make sure the unit will continue working after a power-down
- Using the imported solenoid valve to help the Paraffin Dispenser to adjust the flow rate
- This unit set the control power socket, it can work with BL and BC and the same time