KD-BMⅡ、BLⅡ Tissue Embedding &Cooling System

Features:

- Fully programmable computer controls allow automatic system start and stop anytime (weekly);
- Temperature is controlled by using microprocessors made in the USA and are displayed by using color-changing LED to enable clear visibility of working status;
- Five heated areas, including Paraffin Chamber, Paraffin Dispenser, left and right Thermal Storage Compartments, and heating plate (working area), is individually controlled and work independently without interference by each other;
- Flexible heating mechanism
- overcomes the shortcomings of traditional technology that results in excessive temperature differences
- provides fast heating and precise temperature control
- dual-protection of overheating makes this system safe, reliable and energy saving
- 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 the Embedding Module;
- Cryo Plate which is equipped with this system can be used to freeze embedded tissue anytime;
- Paraffin Chamber with a super large capacity enables embedding a large number of specimens at the same time;
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- Heated working plate and forceps wells make tissue embedding more convenient
- Large granite working area eases the cleanup of excessive paraffin.

Technical Specifications:

- 70°Cis set as the paraffin-heating temperature based on the latest internationally accepted principle indicating that tissue embedded in paraffin might be damaged due to excessive shrinkage of paraffin blocks when heating temperature is above 70°C
- Paraffin Chamber Capacity: 5 liters
- Temperature Range of Forceps Wells: 55 – 70°C
- Temperature Range of Paraffin Chamber: 55 – 70°C
- Temperature Range of Thermal Storage Compartments: 55 – 70°C
- Temperature Range of Heating Plate: 55 – 70°C
- Working Temperature of Small Cooling Plate: 15°Clower than the working area surface
- Temperature Control Precision: ±1%
- Paraffin Flow Control: Paraffin flow control via finger touch plate and optional foot pedal
- Fully programmable ON/OFF control allows automatic system start and stop anytime weekly
- Working Temperature of Cryo Module: ≤-20°C
- Working Voltage: AC 220V±10% 50Hz (standard model); AC110V±10% 60Hz
- Power: 800W (KD-BMII), 300W (KD-BLII)
- Dimensions: 560×550×385 mm (W×D×H)(KD-BMII) 590×345×385 mm (W×D×H)(KD-BLII)
- Net weight: 35kg (KD-BMII) , 24kgs (KD-BLII)