

KD-BMII Tissue Embedding Center



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
- 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
- Safe and reliable low-voltage illumination system
- Heated working plate and forceps wells make tissue embedding more convenient
- Large granite working area eases the cleanup of excessive paraffin

Major Technical Specifications

70°C is 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°C lower 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)