



# Tissue Embedding & Cooling System



EPCC / PRODUCTS / APPLICATION / SOFTWARE / ACCESSORIES / CONSUMABLES / SERVICES

**Analytical Technologies Limited** 

An ISO 9001 Certified Company

www.analyticalgroup.net



### >> 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.



### >> Technical Specifications:

- Paraffin Chamber Capacity: 4 liters
- Temperature Range of Forceps Wells: RT 85 C
- Temperature Range of Paraffin Chamber: RT 85 C
- Temperature Range of Thermal Storage Compartment: RT 85 C
- Temperature Range of Working Plate (hot plate): RT 85 C
- Temperature Range of Paraffin Dispenser: RT 85 C
- Temperature Range of Thermal Storage Plate: RT 85 C
- Temperature Control Precision: +/-1%
- Thermal Storage Compartment Capacity: 4.5 liters
- 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
   Temperature Range of Cryo Module: RT to -20 C
- Temperature Setting of Cryo Module: the optimal working temperature is approximately
- -15 C and the temperature is under delay protection
- Dimensions of working plate (BM III): 155x90mm
- Dimensions of small cold plate (BM III)60x50mm
- Dimensions of Cryo Module (BL III): 340x322mm
- Working Voltage: AC 220V +/-10% 50Hz (standard model); AC110V +/-10% 60Hz
- Power:

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1000W (KD-BM III)
300W (KD-BL III)
180W (KD-BC)
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• Dimensions:

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670x590x445 mm (WxDxH) (KD-BM III)
685x380x430 mm (WxDxH) (KD-BL III)
620x380x425 mm (WxDxH) (KD-BC)
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Net weight:

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33kg (KD-BM III)
26kg (KD-BL III)
15kg (KD-BC)
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## Regulatory compliances





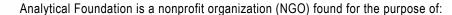








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- 2. Improving quality of life by offering YOGA Training courses, Work shops/Seminars etc.
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