

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:
 - 1000W (KD-BM III)
 - 300W (KD-BL III)
 - 180W (KD-BC)
- Dimensions:
 - 670x590x445 mm (WxDxH) (KD-BM III)
 - 685x380x430 mm (WxDxH) (KD-BL III)
 - 620x380x425 mm (WxDxH) (KD-BC)
- Net weight:
 - 33kg (KD-BM III)
 - 26kg (KD-BL III)
 - 15kg (KD-BC)

Regulatory compliances



Corporate Social Responsibility

Analytical Foundation is a nonprofit organization (NGO) found for the purpose of:



Analytical
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1. Research & Innovation Scientist's awards/QC Professional Award : Quality life is possible by innovation only and the innovation is possible by research only, hence ANALYTICAL FOUNDATION is committed to identify such personalities for their contributions across various field of Science and Technology and awarding them yearly. To participate for award, send us your details of research / testing / publication at Info@analyticalfoundation.org

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

3. ANALYTICAL FOUNDATION aims to DETOXYFY human minds, souls and body by means of yoga, Meditation, Ayurveda, Health Care, Awards, Media, Events, Camps etc.

Reach us @



 **Analytical**®
Technologies Limited

HPLC Solutions MultipleLabs Analytical Bio-Med Analytical Distributors Analytical Foundation (Trust)

Corporate & Regd. Office:
Analytical House, # E67 & E68,
Ravi Park, Vasna Road, Baroda,
Gujarat 390 015. INDIA

T: +91 265 2253620
+91 265 2252839
+91 265 2252370
F: +91 265 2254395

E: info@hplctechnologies.com
info@multiplelabs.com
info@analyticalgroup.net
info@analyticalbiomed.com

W. www.analyticalgroup.net
www.hplctechnologies.com
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