

Jeio Tech 5 Litre Heating Bath Circulator (CW3-05)

Product Code: AAH52341K

Brand: Jeio Tech

Jeio Tech's 5 Litre Heating Bath Circulator (CW3-05) provides internal and external circulation with its powerful pumping capability for applications in medicine, pharmacology, and bioengineering.

Accurate, stable, and efficient temperature management is ensured by using a powerful variable-speed pump. A bright VFD display with a quick adjustable dial knob (0.1°C resolution) is included, along with an RS-232C interface, handles for convenient handling and transport, dual wait on/off timer modes (1 min. to 99 hr. 59 min.) and a convenient memory function of up to three frequently set temperatures. Safety is ensured with over-temperature and over-current protection and a keypad lock prevents accidental changes.



Features

Intelligent Programme Control

- 10 programmes available for temperature ramp up and dwell control
- 10 steps per programme and 99 hours 59 min. per step
- Stored programmes are easily visible
- Programmes can be repeated up to 99 cycles
- Pre-heating and heating time are settable before programme starts

Performance

- Temperature range from ambient +5°C to 150°C
- Microprocessor PID control
- Three point temperature calibration/automatic tuning/automatic run
- Accurate, stable, and efficient temperature management by using a powerful variable-speed pump (1 to 3 steps of pump for internal circulation and 4 to 5 steps for external circulation)
- Powerful pump pressure and flow rate throughout the whole temperature range

Convenience

- Bright VFD display with quick adjustable dial knob (0.1°C resolution)
- Dual wait on/off timer modes (1 min. to 99 hr. 59 min.)
- Convenient memory function of up to three frequently set temperatures
- Corrosion-resistant, leak-proof, round-cornered, and easy-to-clean stainless steel bath with easy access drain valve
- Built-in RS-232 port and USB port for external control and data collection
- Side handles enable convenient handling and transport

Safety

- Isolated design of agitator, heater, and sensor by a baffle plate minimising the turbulence in the bath fluid and also to protect users and samples against direct contact
- Complete safety precaution system with warning alarms (low fluid level and dry-running, over-temperature, over-current)
- Keypad lock function prevents accidental changes during operation

Specifications

Bath Volume (L)	5
Temperature Range (°C)	Amb. +5 to 150
Temperature Accuracy (°C)	± 0.05
Pump Pressure (PSI)	5.9
Pump Flow Rate (l/min.)	28
Dimensions (W x D x H)	228 x 395 x 424mm
Weight (kg)	12.5

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