

Jeio Tech 10 Litre Refrigerated & Heating Bath Circulator (RW3-I035P)

Product Code: AAH57752K

Brand: Jeio Tech

The Jeio Tech 10 Litre Refrigerating & Heating Bath Circulator (RW3-I035P) provide rapid heating and cooling throughout its entire temperature range.

Its seamless, round-cornered stainless steel tank with an accessible drain valve can be easily cleaned and ensure stability. With an optimum refrigeration system, samples and applications can be cooled quickly.

Features

Performance

- Temperature range from -35°C to 150°C .
- Optimum refrigeration system by microprocessor PID control. Energy efficient refrigeration operation is available within full range of temperature control
- Three point temperature calibration/automatic tuning/automatic run
- Suitable for both internal and external bath environments due to reduced turbulence by using five-speed adjustable pump and built-in cooling coil (1 to 3 steps of the pump for internal circulation and 4 to 5 steps for external circulation)

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 most frequently set temperatures
- Corrosion-resistant, leak-proof, round-cornered, and easy-to-clean stainless steel bath with front access drain valve
- Detachable condenser air-filter for easy maintenance of refrigerating efficiency
- CFC-free refrigerant (R-507, R-404A) and a double service valve for leakage prevention
- Quick-release front grill for easy cleaning of the condenser
- 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)		10
Temperature Range (°C)		-35 to 150
Temperature Accuracy (°C)		± 0.05
Cooling Capacity (Bath Fluid: Ethanol)	At -20°C	180
	At 0°C	360
	At +20°C	560
	Refrigerator	1/2 LBP, R-404A
Pump Pressure (PSI)		5.9
Pump Flow Rate (l/min.)		28
Dimensions (W x D x H)		366 x 532 x 780mm
Weight (kg)		44

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