

## Jeio Tech 5 Litre Refrigerated & Heating Bath Circulator (RW3-0535P)

**Product Code:** AAH57742K

**Brand:** Jeio Tech

The Jeio Tech 5 Litre Refrigerating & Heating Bath Circulator (RW3-0535P) 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  $-35^{\circ}\text{C}$  to  $150^{\circ}\text{C}$
- 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 ( $0.1^{\circ}\text{C}$  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

<b>Bath Volume (L)</b>		5
<b>Temperature Range (°C)</b>		-35 to 150
<b>Temperature Accuracy (°C)</b>		± 0.05
<b>Cooling Capacity (Bath Fluid: Ethanol)</b>	<b>At -20°C</b>	30
	<b>At 0°C</b>	230
	<b>At +20°C</b>	320
	<b>Refrigerator</b>	1/3 LBP, R-507
<b>Pump Pressure (PSI)</b>		5.9
<b>Pump Flow Rate (l/min.)</b>		28
<b>Dimensions (W x D x H)</b>		300 x 480 x 733mm
<b>Weight (kg)</b>		38

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