



RECIRCULATING CHILLER TT-RC1500

Recirculating Chiller TT-RC1500 comes with a 5.5-inch LCD display, stainless steel water tank, and a quiet pump offer efficient hydro-power. Precise temperature control, eco-friendly refrigeration, and multiple safety features ensure reliable performance.

APPLICATIONS

- **Laboratory Equipment Cooling:** Stable temperature control for rotary evaporators, spectrometers, and electron microscopes in scientific labs.
- **Pharmaceutical & Biotechnology:** Precise thermal management for drug formulation, fermentation, and controlled storage processes.
- **Chemical Processing:** Reliable temperature regulation in chemical reaction vessels, pilot plants, and industrial testing setups.
- **Electronics & Semiconductor Industry:** Maintains ideal conditions for fabrication, component testing, and advanced laser systems.
- **Food & Beverage Industry:** Cooling support in quality control laboratories and small-scale food and beverage production.
- **Research & Development:** Precision cooling and heating for experimental setups in advanced research environments.

FEATURES

- 5.5-inch LCD display with high brightness and vibrant colors.
- Molded water tank made from single-piece 316 stainless steel for rust and corrosion resistance.
- Quiet motor-driven mold turbine pump with a flow rate of 10L/min, harnessing hydro-power separation.
- Compact design with a removable grille for easy maintenance and drainage.

- Utilizes advanced fuzzy PID temperature control technology for precise and rapid temperature stabilization.
- Features compressor refrigeration and R134a eco-friendly refrigerant to prevent environmental harm.
- Multiple safety measures including overcurrent protection, high/low temperature protection, and liquid level alarms for secure operation.

TECHNICAL SPECIFICATIONS

Model	TT-RC1500
Temperature control range	5°C~ 100°C
Temperature stability	±0.05°C
Display resolution	0.1°C
Temperature control method/b>	Fuzzy PID
Temperature sensor	PT100
Heating power	2000W
Cooling power	1500W
Refrigerant	R134a
Pump flux	10L/min
Pump pressure	0.35bar
Volume	10L
Dimensions LxWxH	21.85 inches x 13.78 inches x 29.53 inches.
Power supply	220 VAC ±10% 50Hz (110V is also available. Please specify when ordering)
Working condition	10°C~ 25°C

Weight	88.18 lbs.
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