

800W Water Chiller for UV Lasers

This 800W water chiller features a temperature stability of ± 0.3 . It has two temperature control modes, including constant temperature control and intelligent temperature control mode.



ADDITIONAL IMAGES



Product Overview

Industrial Precision Cooling

The CWUL-10 is a high-performance water chiller engineered specifically for UV lasers in the 8W-15W range. It provides a robust 800W cooling capacity with superior temperature stability of $\pm 0.3^{\circ}\text{C}$. By featuring both constant and intelligent temperature control modes, the unit effectively prevents condensation and ensures stable laser output for industrial applications.

Technical Specifications

Key Performance Metrics

800 W Cooling Capacity	0.3 °C Temp Stability	13 L/min Max Flow
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Physical Dimensions

Metric	Value
Net Weight	24 kg
Gross Weight	27 kg
Dimensions (LxWxH)	58 x 29 x 47 cm

Operating Temperature Range	5-35°C
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Electrical and Mechanical

Power and Fluid Specs

- Voltage: 220V
- Frequency: 50Hz
- Pump Power: 0.05 kW
- Tank Capacity: 6 L
- Refrigerant: R-134a

Compliance and Safety

Integrated Safety Alarms

- Compressor time-delay protection
- Compressor overcurrent protection
- Water flow alarm
- Over high/low temperature alarm

Certifications

CE, RoHS, REACH