

1000W Fiber Laser Water Chiller

This closed loop water chiller unit is designed for cooling 1000W fiber laser cutting machines. It has a cooling capacity of 4200W and a temperature stability of $\pm 0.5^{\circ}\text{C}$.



Product Overview

Dual-Circuit Cooling Solution

This closed-loop water chiller is engineered specifically for 1000W fiber laser systems, offering dual-circuit cooling to manage both the laser device and the QBH connector optics simultaneously. The unit features high and low-temperature control systems to ensure stable performance and space-saving integration. Equipped with advanced digital temperature controllers, it provides real-time monitoring and comprehensive alarm functions for enhanced operational safety.

Technical Specifications

Cooling Capacity

4200 W

Cooling Capacity

0.5 °C

Temp Stability

Electrical Requirements

Parameter	Value
Voltage	220V
Frequency	50/60Hz
Pump Power	0.05KW

Dimensions & Weight

- Net Weight: 83Kgs
- Gross Weight: 93Kgs
- Unit Dimensions: 78 x 47 x 89 cm (L x W x H)
- Packing Dimensions: 87 x 60 x 109 cm (L x W x H)

Performance

- Refrigerant: R-22 / R-410a
- Tank Capacity: 15L
- Max. Lift: 45M
- Max. Flow: 70L/min

Certifications & Compliance

Warranty

2-Year Warranty

Compliance Standards

ISO, CE, RoHS, REACH