

1500W Fiber Laser Water Chiller

This refrigeration type water chiller is designed for laser cooling applications. It provides efficient cooling for optimal laser performance and longevity.



Product Overview

High-Efficiency Cooling for Fiber Lasers

This industrial water chiller is specifically engineered to support 1500W fiber laser machines, offering both intelligent and constant temperature control modes. Its dual-circuit design allows for simultaneous cooling of the fiber laser device and the QBH connector or optics. With robust construction and precise temperature management, it is designed to extend equipment lifespan while preventing condensation issues.

Performance Metrics

Cooling Capacity

5100 W

Cooling Capacity

0.1 °C

Temperature Precision

Technical Specifications

Electrical Requirements

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

Dimensions & Weight

- Net Weight: 86kg
- Gross Weight: 96kg
- Unit Dimensions: 78 x 47 x 89 cm
- Packing Dimensions: 87 x 60 x 109 cm

Operational Data

System Specifications

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

Key Features

Dual Temperature Control, Intelligent Mode, Constant Temperature Mode, ModBus-485 Communication, Low Maintenance

Compliance & Standards

Certifications

ISO • CE • RoHS • REACH