

STRONGEST LASER

Integrated Engineering Design **Easy Operation Due to Intelligence**

Adaptive Repair Process Package

Dual-Circuit Refrigerant Direct Cooling

The Price Includ A Wire Feeder




STR-HW550

ADOPTING DUAL CIRCUIT REFRIGERANT DIRECT COOLING TECHNOLOGY ELIMINATE THE SHORTCOMINGS OF TRADITIONAL AIR-COOLED AND WATER-COOLED WELDER

The operating environment temperature of conventional water-cooled handheld welders is between 5 °C and 50 °C, while that of air-cooled handheld welders is between -10 °C and 35 °C. The refrigerant direct cooling system developed independently by STR ensures the handheld welder good environmental temperature adaptability with an operating temperature ranging from -20 °C to 60 °C.

Operating Temperature -20°C~60°C



ADAPTIVE REPAIR PROCESS PACKAGE ENSURES LIFE-CYCLE RELIABILITY

STR is the first in the industry to launch the adaptive repair function of the process package, which can regularly self check the machine status, perform parameter calibration, and ensure continuous use reliability throughout the life cycle, without compromising the welding effectiveness.



HIGHER STABILITY ROUND-THE-CLOCK OPERATION

Capable of 24 × 7 continuous welding, thanks to the refrigerant direct cooling system that is developed independently by STR and welding gun insulation material that can ensure long-term use without becoming hot or shutdown.



THE STR-HW SERIES HANDHELD LASER

REDEFINE THE PERFORMANCE OF HANDHELD LASER WELDERS

LARGER PENETRATION/MORE STABLE OPERATION/ FASTER WELDING SPEED/LONGER LIFE CYCLE AND UP TIME

- Integrated Engineering Design
- Dual-Circuit Refrigerant Direct Cooling
- Adaptive Repair Process Package

5mm aluminum plate -20°C~60°C constant operation 24×7 constant operation

Integrated Intelligent Handheld Laser Welders—True to their Names



TEN CHARACTERISTICS TO SOLVE YOUR WELDING PROBLEMS

-  Aesthetically Pleasing Welded Joints of Large Penetration
-  Long Service Life and Long UpTime
-  Higher Efficiency Due to Fast Welding Speed and Good Performance
-  Truly Achieving Sustainable and Continuous Work
-  Good Environmental Adaptability Regardless of Severe Winter or Sweltering Summer
-  Easy Operation Due to Intelligence
-  Comfortable and Easy to Grip Due to Ergonomic Design
-  Safe-Assuring Design
-  Green and Environmentally Friendly Due to High Efficiency and Energy-Saving
- Protect the Health of Workers Due to Dust-free Operation

INTEGRATED DESIGN OF THE COMPLETE SET HIGHER WELDING EFFICIENCY LONGER SERVICE LIFE LOWER MAINTENANCE COSTS

The whole set of the welders features integrated design, proprietary welding guns and welding wire feeder, built-in welding process packages, linked operation and smoother coordination among different components.

Meanwhile, it is the first product of its kind to incorporate the adaptive welding process package repair function, bringing higher working efficiency and better welding experience.

