

MAKE WELDING SIMPLER

≡ Achieving New Height in Precision Welding ≡

Obsidian Series T30
Handheld Laser All-in-One Machine



6-in-1 Smart Handheld Laser Machine Master in an Instant!

Laser as the Blade of Wisdom,
Forging New Frontiers in High-end Manufacturing!



	Stainless Steel	Galvanized Sheet	Carbon Steel / Iron	Aluminum	Brass	Copper
Materials & Thickness	3.0mm	3.0mm	3.0mm	2.0mm	2.0mm	1.0mm

Superior Performance

T-Mode: penetration depth increased by 10%+;
30% deeper compared to the same power machine (3mm stainless steel, 2mm aluminum)



Multi-Functional Torch

Spot/continuous welding, cutting, cleaning, rust removal

Precise Control

Immediate wire stop when laser stoping,
no sticking or deviation;
Torch tube with anti-spatter groove,
60% longer lens life

Compact

6 nozzle types, compatible with 5kg wire spool
Bluetooth welding helmet

Portable

Laser unit: <19Kg

Energy-Efficient High-Productivity

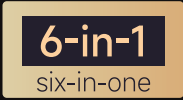
Saves power, gas, labor & consumables
High-efficiency welding

Smart Automation Adaptation

Adaptable for positioner / platform / robotic arm welding
(safety door detection, alarm light, dual emergency stop)

All-in-one

Wire feeder, laser, welding torch, control system, power source & gas cylinder



Smart Operation

Smart temp-controlled heat dissipation, one-click welding start,
152 simplified parameter sets;
520 preset professional parameter sets

Safety

10 safety protection designs;
PLD/CE/FCC/FDA/MD certified

Reliability

3,000+ performance tests,
800+ function tests,
100+ reliability tests,
24/7 non-stop operation

Desktop Welding & Cutting Platform

CNC platform equipped, precision up to $\pm 0.1\text{mm}$
AI auto-layout enabled, supporting metal part manufacturing,
nesting & dual-camera system