

40E

“22kg^{Main Unit} + 480g^{Torch}
3.5mm Penetration Depth
Master it in 3 Minutes”

Application

Basic Industries: Hardware, Fixtures, Appliances, Construction

Precision Tech : Electronics, Medical, Instruments, New Energy

Transportation & Heavy Industry : Automotive, Shipbuilding, Aerospace & Components

Features

- 22kg Ultra-Portable | PC-sized, easy one-hand carry.
- 480g Pro Torch | On-torch remote control for power/wire feed. Max efficiency.
- Instant Start | 24H Non-stop stable output. No preheat.
- Smart Interface | Mastery in 3 mins. Built-in presets for beginners.
- 4-in-1 Versatility | Weld, cut, de-rust, and clean in one machine.
- 3.5mm Deep Penetration | 20%+ gas/material savings. Smooth finish.
- Top 10 Protections | Global Certs: CE, FCC, MD, PL-e. Total safety.



Specification

| | | | | | | |
|-------------------|--------------------------|---|---------------------|------------------------|--------------------------------|--|
| System & Power | Rated Input Voltage | 220V Single Phase, 60Hz | Welding Performance | Wobble Scan Type | Single Motor Scanning Wobble | |
| | Rated Input Power | 2.5kW | | Wobble Type | Linear | |
| | Max. Power Consumption | 3.0kW | | Wobble Length / Width | 0~4.0mm | |
| | Functional Mode | Welding / Cutting / Cleaning / Rust Removal | | Max. Welding Thickness | Stainless / Carbon Steel 3.5mm | |
| | Control Interface | 7-inch Touch Screen | | | Aluminum / Brass 2.5mm | |
| | Dimensions (W*D*H) | 230*507*349mm | | Cable Length | 5M | |
| | Main Unit Weight | < 22kg | | Torch Weight | < 0.48kg | |
| Laser Performance | Fiber Connector | QBH | Wire Feeding | Wire Diameter | 0.8/ 1.0/ 1.2/ 1.6mm | |
| | Peak Power | 1000W | | Spool Size | Max. Φ 300mm | |
| | Rated Laser Output Power | 900W ±50 | | Spool Capacity | SS: 15kg / CS: 20kg | |
| | Output Laser Wavelength | 1080nm | Wire Feeder | Single | | |
| | Output Laser Wavelength | Continuous / Pulse / Spot | Cooling | Cooling Method | Air Cooled | |
| | Safety Certification | CE, FCC, MD, PL-E | | Assist Gas | Nitrogen 、 Argon | |
| | Laser Safety Class | Class 4 | | Gas Input Pressure | 0.3~0.8MPa | |

