

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, etc

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	

