

30E

Application

Basic Industries: Hardware, Fixtures, Appliances, Construction

Precision Tech : Electronics, Medical, Instruments, New Energy

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

Features

- Dual Voltage Design |Auto 110V/220V Switching, No Setup Required.
- 21kg Lightweight Body × 480g Smart Torch |Easy One-Person Transport with Remote Torch Control
- 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.
- 2.5mm Deep Penetration | 20%+ gas/material savings. Smooth finish.
- Top 10 Protections | Global Certs: CE, FCC, MD, PL-e. Total safety.

“Unique Dual-Voltage
2.5mm Penetration Depth
Master it in 3 Minutes”



Specification

System & Power	Rated Input Voltage	110/220V Single Phase, 60Hz	Welding Performance	Wobble Scan Type	Single Motor Scanning Wobble
	Rated Input Power	2.3kW		Wobble Type	Linear
	Max. Power Consumption	3.0kW		Wobble Length / Width	0~4.0mm
	Functional Mode	Welding / Cutting / Cleaning / Rust Removal		Max. Welding Thickness	220V : Stainless / Carbon Steel 2.5mm Aluminum 1.0mm / Brass 1.5 mm 110V : Stainless / Carbon Steel 2.0mm
	Control Interface	7-inch Touch Screen		Cable Length	5M
	Dimensions (W*D*H)	230*507*349mm		Torch Weight	< 0.48kg
	Main Unit Weight	< 21kg		Wire Diameter	0.8/ 1.0/ 1.2mm
Laser Performance	Fiber Connector	QBH	Wire Feeding	Spool Size	Max. Φ 300mm
	Peak Power	110V : 540W / 220V : 680W		Spool Capacity	SS: 15kg / CS: 20kg
	Rated Laser Output Power	110V : 440W / 220V : 580W		Wire Feeder	Single
	Output Laser Wavelength	1080nm	Cooling	Cooling Method	Air Cooled
	Output Laser Wavelength	Continuous / Pulse / Spot		Assist Gas	Nitrogen 、Argon
	Safety Certification	CE, FCC, MD, PL-E		Gas Input Pressure	0.3~0.8MPa
	Laser Safety Class	Class 4			

