



# Desktop Handheld Laser Welder

Ultra-portable   Ultra-quiet   Non-stop welding



**ULTRA-QUIET**

**26kg**

Ultra-portable

**24h**

Non-stop welding

**4mm**

Highest single-side penetration



Quiet design

## Advantages

- ✓ Double efficiency, non-stop welding
- ✓ Stable operation under -10~40°C operating environment
- ✓ 7" touch screen, simple operation
- ✓ Multiple safety protection
- ✓ ABR technology, easily weld aluminium, copper and other highly reactive materials



## Applications

**Wide range of welding materials:** different thicknesses steel (carbon steel, galvanised steel), aluminium alloy, stainless steel, red copper, etc.



Furniture and household appliances



Hardware and building materials



Windows and doors industry



Auto industry



Mechanical engineering industry

## Specifications

Model	LW-800A	LW-1200A
Power	800W	1200W
working mode	Continuous Mode/Pulse Mode	
Output Laser Wavelength	1080 ± 10 nm	
Input voltage	220VAC/50Hz/60Hz	
Protective gas	Inert gases	
Dimension/Weight	250 x 579 x 479 mm (L×W×H) / 26 kg	

### Welding capability

Power	Welding materials	Stainless steel	Carton steel	Aluminum	Brass	Red copper
800W	Single-side penetration	3mm	3mm	3mm	3mm	0.8mm
1200W	Single-side penetration	4mm	4mm	4mm	3.5mm	1mm