

The new generation and cost-effective

ARC 250HD

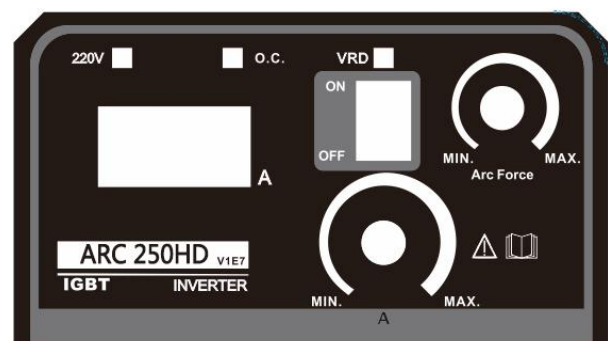
Excellent, Professional, Affordable, Portable, Reliable and Rugged



- Equipped with RILAND self-developed RICHIP chip and use the 70KHz latest high grade IGBT technology.
- Wide range input voltage: 220V±15%.
- LED Display shows the welding current.
- Adopt intelligent MCU control with high reliability, built-in power management system.
- Anti-stick function built-in, preventing against over loading the unit and easing removal of the electrode.
- VRD, Arc force adjust.
- Equipped with an output reactor, it can be welded with acid and basic electrodes, even cellulose electrodes.
- Perfect intelligent protection system: automatic protection of current sudden change, overheating, input voltage fluctuation, etc.
- Non-stop welding for 2.5 or 3.2mm electrode, even 4mm electrode

Control panel

Simple and easy to operate, the bottom big knob for welding current pre-setting, the top one small knob for Arc force current adjustment. Customers can easily choose the welding current, according to the display panel printing.



Base Units Include

- 1 pc inverter power source with input power cord
- 1 set electrode holder, 3m
- 1 set earth clamp, 3m

*The picture is for reference only, please refer to the actual product.

Technical data

Item \ Type	ARC 250HD
Input voltage (V)	1P 220V±15%
Frequency (Hz)	50/60
Rated max. supply current (I1max /A)	37
Max. effective supply current (I1eff /A)	20.3
Welding current range (A)	30-200
Rated output current range (A)	30-200
Rated output voltage range (V)	21.2-28
Rated duty cycle (40°C)	30%
No-load voltage (V)	65
Power factor	0.73
Efficiency (%)	80%
Insulation grade	F
Housing protection grade	IP21
Power source Weight (kg)	5.4
Overall dimension (L*W*H mm)	330*168*257

Application specification

Light steel structure, Machinery maintenance, Sheet metal Processing

Mild steel, Stainless steel, alloyed steel, etc

Welding current refers

Electrode specification	Φ1.6	Φ2.0	Φ2.5	Φ3.2	Φ4.0	Φ5.0
welding current	25-40A	40-65A	50-90A	90-130A	140-210A	200-280A

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