

The new generation and cost-effective

## ARC 250HD

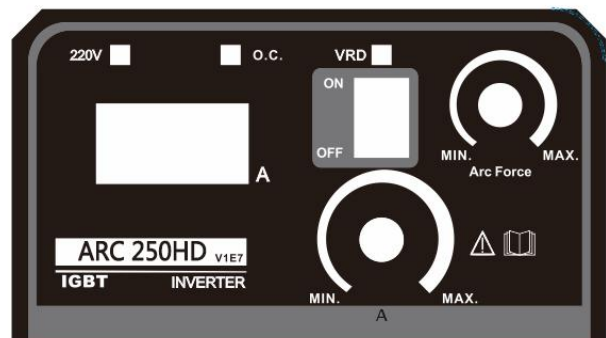
Excellent, Professional, Affordable, Portable, Reliable and Rugged



- 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	<b>ARC 250HD</b>
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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