

The new generation and digital welder

## ARC 200DT/250DT

**Excellent, Professional, Affordable, Portable, Reliable and Rugged**



- Equipped with RILAND self-developed RICHI chip and use the 70KHz latest high grade IGBT technology.
- Wide range input voltage: 220V±15%.
- Segment code screen easy shows and adjust the welding parameter.
- Adopt intelligent MCU control with high reliability, built-in power management system.
- VRD, Hot Start and ARC Force function adjustable, make you enjoy welding with desired welding shape.
- 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(4.0mm) electrode, for ARC 250DT even can welding 4.0mm electrode.
- Generator set okay.

### Control panel

The operation is simple and convenient, one knob can preset the welding current, press the knob to choose to adjust the thermal arc, arc force and Lift-TIG.



### 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 200DT	ARC 250DT
Design standards	IEC/EN60974-1		
Input voltage (V)		1P 220V±15%	1P 220V±15%
Frequency (Hz)		50/60	50/60
Rated max. supply current ( $I_{1max}$ )		31	37
Max. effective supply current ( $I_{1eff}$ )		13.9	16.5
Rated output current range (A)		30-160	30-190
Rated output voltage range (V)		21.2-26.4	21.2-27.6
Rated duty cycle (40℃)		160A/30%	190A/20%
		140A/100%	160A/100%
Duty cycle (25℃)		160A/60%	190A/60%
No-load voltage (V)		59	59
Power factor		0.73	0.73
Efficiency (%)		80%	80%
Insulation grade		F	F
Housing protection grade		IP21	IP21
Power source Weight (kg)		5.5	6
Overall dimension (L*W*H mm)		365*172*320	365*172*320

## 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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