

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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