

The new generation and digital welder

ARC 400DS

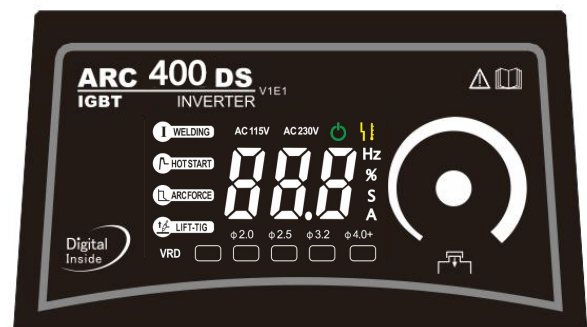
Dependable, Economical, Excellent, Basic Industrial Stick Welding



- Equipped with RILAND self-developed RICHIP chip and use the advanced IGBT inverter technology.
- Automatic input voltage conversion: 1phase 220V, 1phase 380V.
- Segment code screen easy shows and adjust the welding parameter.
- Dust-Free Cooling System with upgraded duty cycle.
- ARC force and Hot Start adjustable, easy to striking the arc.
- VRD function, safe for welders.
- Auto-Protection against over-voltage, over-current and over-heated.
- Front and rear plastic shell design, which can well protect the machine and make it looks more elegant.
- Non-stop welding for 3.2or 4.0mm, even 5.0mm electrode.
- Energy Saving - Compared with the traditional welding machine more efficient.

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 pcs inverter power source
- Stick electrode holder, 3m cable with Euro plug
- Earth clamp, 3m cable with Euro plug

Key Option

- Auto-Darkening Welding Helmet

Technical data

Item	Model	
	ARC 400DS	
Power voltage (V)	1PH 380V (±15%)	1PH 220V (±15%)
Frequency (Hz)	50/60	50/60
Rated maximum supply current (I _{lmax} /A)	32	42
Maximum effective supply current (I _{leff} /A)	17.5	23
Output current range (A)	30~240	30~210
Output voltage range (V)	21.2~29.6	21.2~28.4
Duty cycle (%)	30%	30%
No-load voltage (V)	62	70
Power factor	0.58	0.73
Efficiency (%)	85%	85%
Insulation grade	F	
Housing protection grade	IP21	
Weight (kg)	5.5	
Overall dimensions (mm)	330*168*257mm	

Application specification

Steel erection, Pipe, Fabrication, Shipbuilding, Foundries, Mild steel, Stainless steel, alloyed steel, etc

Welding current refers

Electrode model	Φ2.5mm	Φ3.2mm	Φ4.0mm	Φ5.0mm
E6013 E7018	70-100A	90-150A	140-220A	200-280A