

The new generation and digital welder

## ARC 400DS

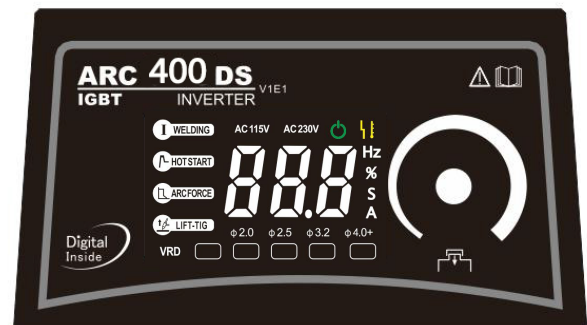
Dependable, Economical, Excellent, Basic Industrial Stick Welding



- 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 <sub>max</sub> /A)		32	42
Maximum effective supply current (I <sub>eff</sub> /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