

The new generation and cost-effective

ARC 198E

Economical, Excellent, Affordable, Portable, Extremely Small Package



- Equipped with RILAND self-developed RICHIP chip and use the latest high grade IGBT technology.
- Wide range input voltage: 220V±15%.
- Anti-stick function built-in, preventing against over loading the unit and easing removal of the electrode.
- Non-stop welding for 2.5mm and 3.2mm diameter electrode.
- Intelligent protection for over-loading, overvoltage and over-heating.
- Fan as needed function, reduces noise and dust inside the machine.
- Compact and portable (2.5Kg) with adjustable shoulder strap.
- Suitable for home use, maintenance, installation, etc.

Control panel

Simple and easy to understand front panel design, just only one knob for welding current pre-setting. Two indicators for work status display.



Base Units Include

- 1 PCS inverter power source
- 1 PCS Stick electrode holder, 1.8m copper clad aluminum cable with fast plug.
- 1 PCS Earth clamp, 1.2m copper clad aluminum cable with fast plug.
- 1 PCS Shoulder strap.

Key Option

- Hand-held Welding Mask, Steel brush-Hammer & Case



Technical data

Item \ Type	ARC 198E
Power voltage (V)	1 phase 220V±15%
Frequency (Hz)	50/60
Rated input current (A)	32
No-load voltage (V)	55
Duty cycle (40°C)	20%
Output current adjustment (A)	35-160
Output voltage (V)	21.4-26.4
Efficiency	0.85
Power factor	0.65
Degree of protection	IP21
Insulation grade	F
EMC grade	A
Cooling method	Air cooling
Weight (kg)	2.5
Overall dimension (L*W*H mm)	255*100*176

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
welding current	25-40A	40-65A	50-90A	90-130A	140-210A

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