

Newarc R4000/5000CC/CV



Multi Process Inverter Power Sources



NA9910400
NA9910618

Professional welding technology

for industry

The R4000 and R5000 are advanced inverter power sources with outputs of 400 amps and 500 amps respectively. The CC/CV versions are suitable for MMA, TIG and MIG/MAG welding.

These inverter power sources are versatile, lightweight and portable. The advanced inverter design provides a more stable and precise arc characteristic than conventional machines ensuring high quality welding performance.

Due to the high efficiency and power factor these units provide energy and cost saving solutions. Fabricated in a robust external casing this power source is extremely reliable in the most extreme conditions



Main features

- Inverter configuration provides a more stable and faster response in CC and CV control resulting in more stable welding conditions
- Fabricated in robust external casing to withstand the most extreme environments
- Cooling on demand system minimizes power consumption and dust ingress
- The construction technique ensures minimal contamination of internal electronic systems
- Large overhead of voltage available for use with long interconnection cables.



Ideal for Nuclear & Petrochemical industries, Offshore, Shipyards and Construction Sites

Technical data

Newarc	R4000	R5000
Power voltage (V)	380-480 Volts 3 Phase 50/60Hz	380-480 Volts 3 Phase 50/60Hz
Input Current at Max Output	24 amps	33 amps
Power Factor	0.95	0.95
Max Output Current	400 amps	500 amps
Open Circuit Voltage	80V CC Mode	80V CC Mode
Voltage Control	Infinitely Variable	Infinitely Variable
Current Control	Infinitely Variable	Infinitely Variable
Duty Cycle at 40°C	100%	60%
Degree of Protection	IP21	IP23
Dimensions (H x W x L) (mm)	450 x 310 x 570	500 x 235 x 455
Weight (kg)	33	33

Ordering information

Description	Part number
Newarc R4000CC/CV, 400A multiprocess(MIG/TIG/MMA)	NA9910400
Newarc R4000CC/CV, 500A multiprocess(MIG/TIG/MMA)	NA9910618
Trolley	NA9910802
T300 TIG Unit	NA9910309
WFU12-4C	NA9910616
WFU12A-RV Suitcase wire feeder	NAM9910617
5m x 50mm MIG/TIG Interconnection cable	NAM91061s
5m x 35mm ² Earth assembly	NAM91005
5m x 35mm ² Electrode assembly	NAM91002
SIFGUN 300A 4M	FXMT3004
4M TIG Torch air cooled	RWN26-12SS

Additional equipment

TIG Welding Unit TIG300

The TIG 300 HF control unit may be connected to the R4000/5000CC/CV to enable TIG welding to be carried out at up to 100 meters from the power source.



Wire Feed Units

A wide range of wire feed units are compatible with the R4000/5000 CC/CV unit. These include; WFU8A-RV, WFU12A-RV, WFU12-4C and WFU 12ILS..

