



DC INVERTER MMA / LIFT TIG WELDERS **ARCONTROL DIGITAL**

EDITION 1/2014

ARControl welders are general MMA arc welder adopting the latest pulse width modulation (PWM) technology and the insulated gate bipolar transistor (IGTB) power module.

Extremely low weight, very small size, portable.

Supplied in a hard case and equipped with electrode holder, earth clamp, cables and connectors.

EXCELLENT PERFORMANCES

- The constant current output makes the welding arc more stable.
- Fast and dynamic response speed reduces the impact from the arc length fluctuation to the current.
- Accurate stepless current adjustment and pre-setting function.



GENERATOR FRIENDLY

Designed to work with diesel generators and to avoid failures.

AUTOMATIC PROTECTION

Equipped with temperature, voltage and current sensors for high protection from under voltage, over current, overheating.



DIGITAL DISPLAY

Variable amperage control with digital meter, for a welding current instant display.

GENERAL APPLICATIONS

Suitable for MMA arc welding and TIG lift welding.

EXTRA FUNCTIONS

Hot Start, Anti-sticking, Arc Force



ARControl digital



Directive 2004/108/EC
Directive 2006/95/EC
EN 60974-1
EN 60974-10



TECHNICAL DATA

	ARControl 135	ARControl 160	ARControl 200
Power plug	Schuko	Schuko	Schuko
Power Supply Voltage (V)	1~220/230/240±10%	1~220/230/240±10%	1~220/230/240±10%
Frequency	50/60	50/60	50/60
Rated Input Power (KW)	3.9	5	6.6
Rate Input Current (A)	23	30	40
Connectors	25mm ² (small)	25mm ² (small)	35mm ² (big)
Duty Cycle	25% - 135A	30% - 160A	30% - 200A
(40°C 10min at max A)	60% - 112A	60% - 135A	100% - 110A
	100% - 105A	100% - 120A	
No Load Voltage (V)	63	63	60
Welding Current Range (A)	10-135	10-160	10-200
Efficiency	85%	85%	85%
Power Factor	0.75	0.75	0.75
Protection Class	IP23	IP23	IP23
Insulation Class	H	H	H
Electrode Diameter	ø2.5 ø3.2	ø2.5 ø3.2 ø4.0	ø2.5 ø3.2 ø4.0
Electrode Type	6013,7018,etc.	6013,7018,etc.	6013,7018,etc.
Net Weight (Kg)	3.55	4.5	4.6
Dimensions (mm)	325 × 114 × 208	347 × 114 × 208	330 × 135 × 250
Equipment	2m cable 10mm ² + earth clamp 150A + connector 25mm ²	3m cable 12mm ² + earth clamp 150A + connector 25mm ²	3m cable 16mm ² + earth clamp 200A + connector 35mm ²
	2m cable 10mm ² + electrode holder 150A + connector 25mm ²	3m cable 12mm ² + electrode holder 150A + connector 25mm ²	3m cable 16mm ² + electrode holder 200A + connector 35mm ²

Art. Nr.	Description	Quantity
ARC010	ARControl 135 Digital	1
ARC020	ARControl 160 Digital	1
ARC030	ARControl 200 Digital	1

