Gas Control Equipment



DC INVERTER MMA / LIFT TIG WELDERS

ARCONTROL digital

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.



CE

EN 60974-1
EN 60974-10

FEATURES :

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 wel-ding current instant display.

GENERAL APPLICATIONS

- Suitable for MMA arc welding and TIG lift welding.

EXTRA FUNCTIONS

- Hot Start, Anti-sticking, Arc Force





TECHNICAL DATA	ARCONTROL 161 DIGITAL	ARCONTROL 201 DIGITAL
Power Plug	Schuko	Schuko
Power Supply Voltage	1-230 V ±10%	1-230 V ±10%
Frequency	50/60 Hz	50/60 Hz
Rated Input Power	8,2 KW (MMA) 5,5 KW (TIG)	10,6 KW (MMA) 7,1 KW (TIG)
Rate Input Current	35,6 A (MMA) 26,3 A (TIG)	46,0 A (MMA) 31,0 A (TIG)
Connectors	Socket DINSE 25 mm²	Socket DINSE 35 mm²
Duty Cycle (40°C 10 min)	160 A (40%) 135 A (60%) 105 A (100%)	200 A (30%) 145 A (60%) 110 A (100%)
Welding Current Range	10-160 A	10-200 A
No Load Voltage	70,8 V	63,0 V
Efficiency	80%	80%
Power Factor	0,6	0,6
EMC Classification	A Class	A Class
Protection Class	IP21S	IP21S
Insulation Class	H	H
Cooling	Automatic Fan	Automatic Fan
Net Weight	4,7 kg	4,7 kg
Dimensions	335 × 114 × 205 mm	335 × 114 × 205 mm
Electrode Diameter	ø1.6 - ø3.2	ø1.6 - ø4.0
Electrode Type	6013,7018,etc.	6013,7018,etc.
Equipment	3m cable 12mm², earth clamp, plug DINSE 25mm² 3m cable 12mm², electrode holder, plug DINSE 25mm²	3m cable 16mm², earth clamp, plug DINSE 35mm² 3m cable 16mm², electrode holder, plug DINSE 35mm²

Art. Nr.	Description
ARC021	ARCONTROL 161 DIGITAL
ARC031	ARCONTROL 201 DIGITAL

GCE Group
www.gcegroup.com

Gas Control Equipment

Art. Nr.7 35100001510. Edition 1/2021. Alterations are subject to change without notice. 29062021md © 2021
Products may differ from those pictured.