

Smart Mig 251 (Single phase)

PROFESSIONAL MIG / MAG WELDING EQUIPMENT

Ref. 22300250

FT22300250v0

03/09/2018

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GENERAL CHARACTERISTICS

Description:

MIG / MAG power source for stepped regulation of welding voltage. Compact machine.

Application:

Professional use. MIG / MAG welding of steel, stainless and aluminum steels.

Electrical power supply:

1Ph. 230V – 50/60Hz

Main advantages:

- Wire diameters ϕ 0.8-1.0-1.2 mm.
- Filtering capacitors.
- Drive system of 4 rolls.
- Standard Digital voltmeter - ammeter.
- Electromechanical reliability.

Duty cycle:

185 A / 60% - 250 A / 35 %

Standard equipment:

- Industrial transport system / bottle support.
- Power cable 2.5mt.
- Gas hose 1.5 mt
- Rolls 0.8 – 1.0 mm "V"
- Earth clamp.



TECHNICAL FEATURES	Smart Mig 251 22300250
Input voltage U1 (1Ph.- 60hz)	230 V
Maximum input intensity I1max	37.2 A
Maximum effective intensity I1eff	22 A
MIG/MAG regulation margin I2min÷ I2max	40 ÷250 A
Maximum welding intensity I2max.	250 A / 35 %
Welding intensity I2 60%.	160 A / 60 %
Welding voltage U2min-U2máx.	30-38.4 V
Number of regulation steps	12
Drive system	4 R-Diam.30-Motor 24 V-50W
Thread speed	19 m/min
Applicable wire diameters. (mm)	0.6-0.8-1.0-1,2 mm
Digital voltmeter - ammeter	DIGITAL SERIAL
Pulse mode	2 Time / 4 Time
Thermal protection	Yes
Thermal isolation – Protection degree	H (180° C) – IP-23S
Dimensions (↑ → ↗) mm.	800x440x770
Weight	68 Kg

ACCORDING TO UNE-EN 60974-1 / 10.

Gala Gar, S.L. Jaime Ferran 19, 50014 ZARAGOZA ESPANA		CE	
MIG 250/I		No:	
1~		EN 60974 - 1 EN 60974 - 10 - Cl. A	
		40A / 16V - 250A / 26,5V	
		X	100% 60% 35%
U ₀ V	I ₂	135A	160A 250A
20..38,4	U ₂	20,7V	22V 26,5V
U ₁ V	I _h	I _h	I _h
1 ~ 50/60Hz	230	25A	16A 19,8A 37,2A
IP 23	Cooling:F	☔	⚠
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COMMAND INTERFACE. CONTROL FUNCTIONS

1	Thread speed control
2	Function Switch: <ul style="list-style-type: none">- Torch mode 2T.- Torch mode 4T.- Spot mode.- Gas purge.
3	Time regulation (Spot mode)
4	Final thread length regulation (Burn-back)
5	Parameter selection V-I for display reading
6	Digital display for tension / Welding intensity



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