

Smart 200 MP

PORTABLE INVERTER MIG/MAG EQUIPMENT

Ref. 22300200MP

Code: FT22300200MPV0

Date: 07/07/2015

Review: 0

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GENERAL CHARACTERISTICS

Description :

Portable inverter technology equipment for multi-process welding (MIG/MAG, MMA and TIG DC).

Application:

It is ideal for locksmith work and sheet metal work.

Electrical power supply:

1 Ph 230V — 50/60 Hz ± 10%.

Main advantages :

- MIG/MAG 200 A. Solid wire 0.8-1.0 mm.
- Soft arc without splashes. Inductance Control.
- Change of polarity. Animated wire welding WITHOUT GAS application.
- Wire reel Ø200 (5 Kg.)
- Accessory trolley for 15 kg wire reels incorporation.
- Stainless, basic, rutile coated electrode welding.
- DC TIG welding process (manual valve torch).



TECHNICAL FEATURES	Smart 200 MP Ref. 22300200MP
Input voltage U_1 (1ph. 50-60 Hz) (1)	230 V ± 10 %
Maximum effective intensity $I_{1\text{eff}}$	25 A
Maximum absorbed power $P_{1\text{max}}$	9.2 KVA
Welding voltage adjustment $U_{2\text{min}}-U_{2\text{max}}$	15 ÷ 24 V
MIG/MAG adjustment margin $I_{2\text{min}}-I_{2\text{max}}$	25 ÷ 200 A
Maximum MIG-MAG process intensity $I_{2\text{max}}$	200 A / 35 %
Applicable wire diameters (mm.)	0.8-1.0 mm
Wire speed (m/min.)	1.5 ÷ 16 m/min
Wire reels	5 Kg (15 kg adapter inc.)
MIG/MAG adjustment margin $I_{2\text{min}}-I_{2\text{max}}$	20 ÷ 180 A (35%)
Mechanical protection index (IP class)	IP 21
Ventilation	Forced
Dimensions (W x L x H)	280x570x460 mm
Weight	9.8 Kg.

ACCORDING TO UNE-EN 60974. (1) Other power supply voltage values on demand.



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1	Protection indicator LED
2	LED ON of switching on
3	MMA-TIG / MIG Selector switch
4	2S-4S pulse mode selector for MIG welding
5	Adjusting potentiometer of anti-spatter inductance
6	Adjusting potentiometer of welding intensity & voltage
7	Adjusting potentiometer of MIG wire speed

50.014 SPAIN TYP: Smart Mig 200 MP REF: 22300200MP		SMART			
		UNE-EN 60974-1			
		25 A / 15 V - 200A / 24V			
		X	35%	60%	100%
S	U ₀	I ₂	200A	150A	120A
	15 - 25 V	U ₂	24V	21.5V	20V
	U ₁ 230V	I _{1max} = 40 A	I _{1eff} = 24 A		
		20 A/20.8V - 180 A/27.2V			
		X	35%	60%	100%
S	U ₀	I ₂	180 A	135 A	100 A
	91V	U ₂	27.2V	25.4V	24 V
	U ₁ 230V	I _{1max} = 40 A	I _{1eff} = 24 A		
IP 21					



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

Elements supplied as standard:

- Input cable with SCHKO plug.
- Instruction manual.
- Machine-gas connection (2 m).
- Drive roll 0.8-1.0 mm "V" (Ø30mm).
- Earth tap.

Use modes Accessories

Over Workstation	Over adapter trolley (15 Kg wire reel)
	

Welding Kit. Recommended accessories.

Ref.	DESCRIPTION			
		GMAW	TIG	MMA
51712090	Mobile Workstation	Optional	Optional	
51781007	Support-tray for 15 Kg wire-reel adapter	x		
5998E	GasWeld electronic shield	x	x	
93760000	Argon pressure regulator – GasWeld Model	x	x	
880025P	Torch MIG ECO 25	x		
19052604	Torch TIG XT-26 V- 4 m - Connection 35/50		x	
259040	Electrode 300A-35/50 accessories			x



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