

SMART MIG 350 MPV1

Multiprocess MIG/MAG-MMA-TIG DC welding equipment

Ref.: 22300350MPV1

Code: FT22300350MPV1

Date: 02-05-23



Description:

Multi-process inverter technology power source; wire, electrode and TIG welding process. MIG/MAG process with infinitely variable welding voltage regulation. Compact system with wire feeder integrated in the power source.

Connector 35/50

Use:

Professional use.

MIG/MAG welding.

Auxiliary use MMA TIG.

Power supply:

3Ph. 400V -50/60Hz

Main advantages:

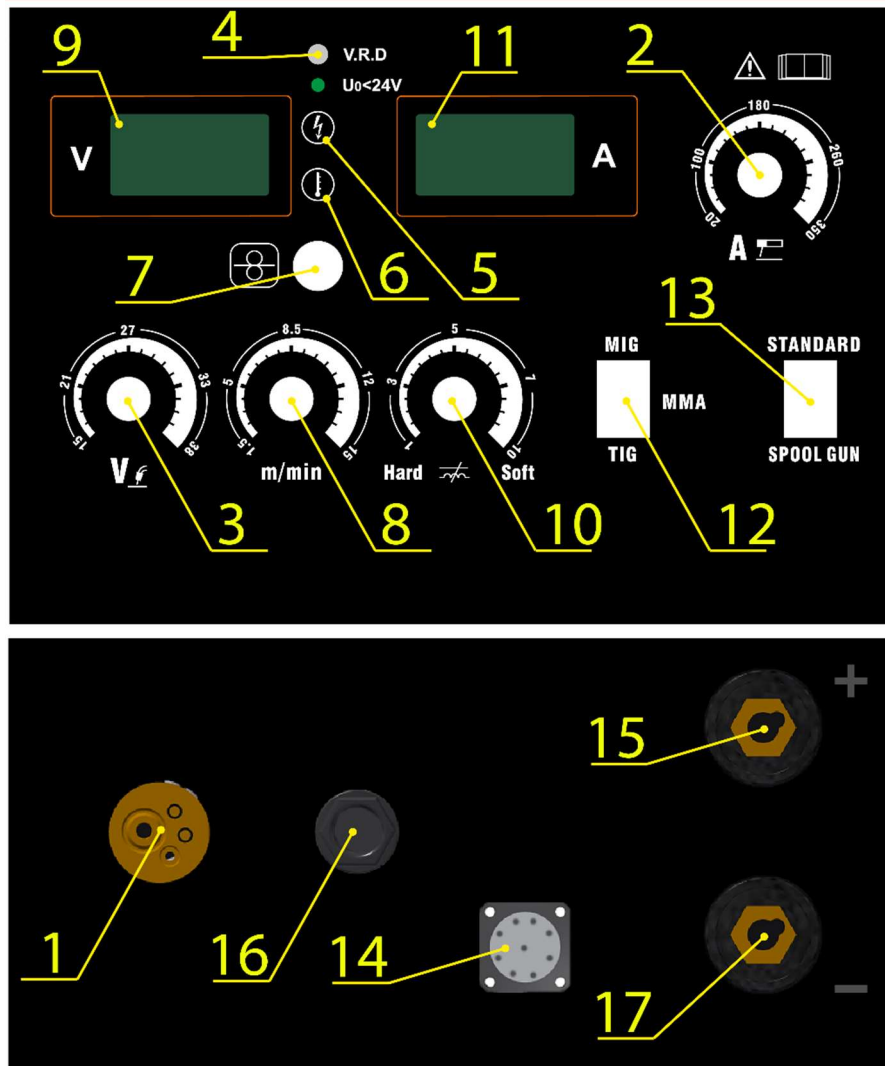
- Electronically controlled constant voltage.
- Electronic inductance regulation.
- Digital V-I as standard.
- Push-Pull torch connection
- Polarity change system
- Easy to move with gas cylinder by means of integrated trolley
- Adjustable inductance to control the arc and optimise welding performance.

It includes:

- Earth cable.
- Gas pipe.
- Male push-pull aerial plug.

TECHNICAL CHARACTERISTICS	SMART MIG 350 MPV1 Ref.22300350MPV1
Input voltage U_1 (50-60hz RMS) (1)	400 V \pm 15%
Maximum absorbed power. P_{1max}	15 KVA
Maximum input current I_{1max}	21.7 A
Maximum effective current I_{1eff}	13,7 A
Power factor Cos phi	0.93
MIG MAG regulation range	50 - 350 A / 40%
Inductance regulation system	Electronic
Intensity I_2 of MIG welding ED= 60%.	285 A
Intensity I_2 of MIG welding ED= 100%.	221 A
Trawl System	4 roulette wheels
Attachable thread spool	15 Kg
MMA/TIG regulation range	20 - 350 A / 40%
V-I parameter measurement system	DIGITAL
Mechanical protection rating (IP)	IP 21S
Ventilation	Forced
Dimensions (W x L x H)	450x900x755 mm
Weight (without wire feeder)	52Kg.
ACCORDING TO UNE-EN 60974 STANDARDS.	

Functional Operation



NO.	DESCRIPTION
1	Euroconnector for welding torch in MIG process
2	MMA/TIG welding process current regulator control
3	Voltage regulator control in the MIG process
4	LED safety voltage indicator VRD
5	LED on/off
6	LED overheating
7	Thread bleeding button. Manual thread feed
8	Wire feed speed regulator control in MIG processes
9	Voltmeter
10	Inductance regulator control
11	Amperimeter
12	TIG/MMA/MIG process changeover switch
13	Standard torch switch - PushPull
14	Push-Pull torch control cable connector
15	Soldering quick connector "+"
16	Euroconnector polarity selection (Gas/Non-Gas)
17	Quick welding connector "-"