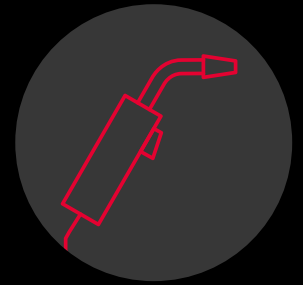




IRON MIG 221 P MULTI

Inverter 230V 1 Phase



Multi



Sinergic



Motogen.



Tig lift



Pulse



Memory

Standards and Warranty

60974-10 | 60974-5 | 60974-1



MADE IN
ITALY



INVERTER

Inverter technology concentrates high welding performance in a compact structure, improving welding and reducing dimensions and weights.

MULTIPROCESS

Iron-Mig 221P Multi is a multiprocess powersource: MIG, MIG PULSE, MIG DOUBLE PULSE, TIG LIFT, MMA.

15Kg SPOOL

IronMig 221P Multi is the smallest Multiprocess that can hold a 15Kg Spool. Ideal for "on Site" or in door jobs.

LCD DISPLAY

The bright and practical 4.3" LCD screen allows a simple and intuitive

User Interface and a quick recall of the Synergic welding programs.

TRIGGER JOB

Practical function that allows the recall of 3 different welding programs by simply pressing the torch button without need to have access to the Generator.

ST-ARC™

ST-ARC™ is the intelligent control of the Short Arc process, capable of handling automatically all variations within the welding process. The result is a short concentrated and stable arc 100% easier to control. The dynamic cold welding characteristics significantly lower the heat input reducing distortion, spatters, re-working and cleaning resulting in less work time.

PAW™

Precision Aluminium Welding is a new intelligent arc welding control on very thin Aluminium thicknesses from 1 to 2mm. The result is a very short and concentrated welding arc using 1.0mm wire with a standard MIG Torch. Therefore, there is no need for expensive push-pull torches, The additional cost saving of using smaller wire diameters that cause problematic feeding.

PULSE - DOUBLE PULSE

Iron Mig 221P Multi includes several synergic programs for MIG/MAG pulse and Double Pulse for INOX, Aluminium and Brasing CuSi3.



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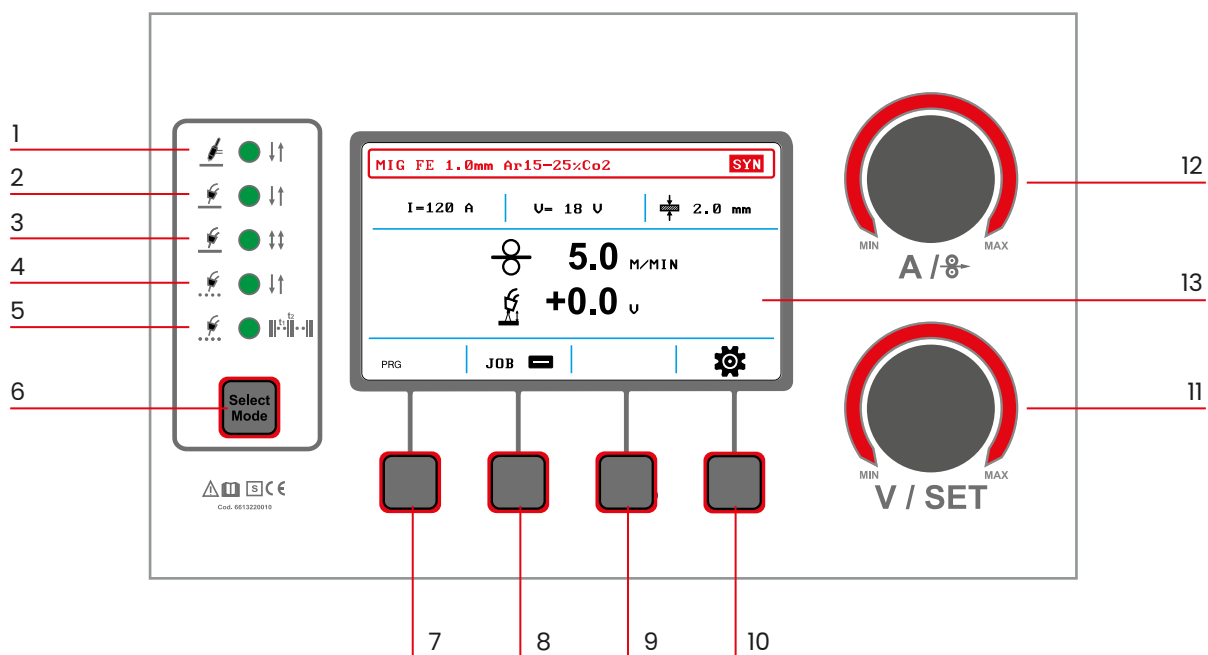
Technical Data

Main Voltage	230/240 V	Work Temperature	40°C
Phases	1	Current Range	15–200 A
Frequency	50/60 Hz	Welding Current 35% (25°C)	200 A
Real Current (40%)	18,3 A	Welding Current 100% (25°C)	140 A
Real Power (40%)	4,2 KVA	Welding Current 25% (40°C)	200 A
Power Factor	0,7	Welding Current 60% (40°C)	140 A
Efficiency	83%	Welding Current 100% (40°C)	120 A
No Load Voltage	76 V	Earth Clamp	25 mm ²
Degree of Protection	IP 23	Wire Feeder Rollers	2
Insulation Class	H	Length x Width x Height	500x250x390
Safety Approved		Weight	20 Kg

The data were collected at a temperature of 40 °C.

Front Panel Description

- | | | |
|---|--------------------------------------|---|
| 1. TIG LIFT Led indicating mode | 6. Select Mode Button | 11. Encoder for Voltage regulation/
other Functions V/SET |
| 2. MIG 2T Led indicating mode | 7. Function Selection button | 12. Encoder for Wire Speed / Amps
regulation A/ W.Sp |
| 3. MIG 4T Led indicating mode | 8. Function Selection button | 13. Display digital |
| 4. SPOT Led indicating mode | 9. Function Selection button | |
| 5. MULTISPOT Led indicating mode | 10. Function Selection button | |



Accessories

1. 600514000L

Trolley MPL

2. 601407000L

KIT ACCESSORIES for Trolley MPL
(Filler Metal Holder, Cables Holder,
Consumable Holder)

3. 601468000L

Trolley XPL

4. 601412000L

KIT Wire Spool Adaptor 5KG
d.200mm

5. 601642000L

KIT Torch Spool-Gun

6. 602040000L

Earth Clamp/Cable 25mm² 3m

7. 605150000L

Torch Mig TMS 25 3m Air

8. 6043500000

Torch Mig TMS 36 4m Air

9. 6060900000

Torch Tig TTSE 17 4m Air

10. 602060000L

KIT Cables 25mm² Dinse 50

11. 606180000L

Set UP Kit (included on Power
Source)

12. 6085800000

Welding Wire no gas d. 0,9mm Kg
4,5

13. 601391000L

Welding Kit Aluminium Mg d.1,0

14. 6349800000

Roll d.30 0,9 Flux Cored Wire

15. 6316000000

Roll d.30 0,6-0,8 Carbon Steel

16. 6316200000

Roll d.30 0,8-1,0 Carbon Steel
(included on Power Source)

17. 6364200000

Roll d.30 0,8-1,0 Aluminium

18. 6346400000

Roll d.30 1,0-1,2 Aluminium

19. 6004880000

Graphite Liner m.3 ø 0,8-1,0

20. 6014910000

Helmet Aspire Jackson

21. 6055900000

Gas Regulator 2 Gauges (Italian
Gas Connection)

