

4 in 1, the E.MULTIWELD 221-4, is a multi-process power source capable of performing MIG/MAG (with or without gas), TIG DC and MMA welding with high precision. It features 9 welding synergies enabling welding in all positions. Versatile, but also equipped with a single-phase power supply with PFC/FV technology, it is the perfect workshop tool.

3 WELDING PROCESSES

• MIG-MAG

- 4 roller motor: **ø 200 and ø 300 mm** reels.
- Adjustable manually or synergistically.
- **SPOT and DELAY** functions available.
- Can weld sheets from **0.6 to 6 mm thick**.

• TIG

- TIG DC welding and **TIG Lift** ignition with the TIG EURO torch.
- Adjustable **Post Gas** and **Downslope** (arc downslope).

• MMA

- Welds different types of **coated electrodes up to ø 5mm** (rutile, basic, stainless steel, steel, cast iron).
- **Adjustable Hot Start** (0 to 100%): facilitates ignition and can be adjusted according to the type of metal.
- **Arc Force adjustable** (0 to 100%): regulates the arc length deviations.
- **Antisticking** : reduces the risks of the electrode sticking if it comes into contact with the workpiece



Supplied with :

- earth cable (2.50 m)
- steel torch MIG 250A (3 m)
- Electrode holder (2 m)

Accessories (option)



MIG-MAG SYNERGIES

- Automatic calculation of wire speed and tension according to :

- the type and diameter of the wire;
- the thickness to be welded;
- the gas used;
- the welding position.

- Manual setting possible: wire speed and arc length.

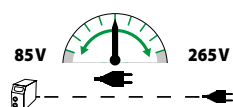
Suggested synergies :

Type of metal	Fe	Fe	AlMg5	Stainless steel	Cored wire	CuSi 3	CuAl 8	AlSi 5	AlSi 12
Process	MAG	MAG	MIG	MAG	MAG	MIG	MIG	MIG	MIG
Gas	Ar+CO ²	CO ²	Ar	Ar+CO ² 2%	✗	Ar	Ar	Ar	Ar
Ø possible	0.6 - 0.8 - 1.0	0.6 - 0.8 - 1.0	0.8 - 1.0	0.8 - 1.0	0.6 - 0.9 - 1.2	0.8	0.8	1.0	1.0
Welding positions	all	all	all	all	all	all	all	all	all

HIGH-TECH POWER SUPPLY

FLEXIBLE

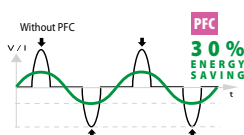
FV FLEXIBLE VOLTAGE



The device works on a simple 230V-16A or 110V-32A plug, even in intensive use and on site extensions (100m).

ECONOMICAL

PFC POWER FACTOR CORRECTION 30% energy saved



PFC technology suppresses peaks and regulates the supply current. Also allows the use of extension cords or generators and contributes to a better current stability during the welding phase.

SAFE

P400 PROTEC 400

Can withstand occasional or permanent voltage variations on the electrical network up to 400V (lightning, generator, load shedding loads...)

 50/60 Hz	 MMA I ₂	 TIG I ₂	 min▷max	 Ømm		 Ømm		 Electronic Control	 équipé d'origine / originalt utstyr / Originalausstattung / utstyr	EN60974-1 (40 °C) MIG		 cm/kg	 Protected & Compatible Power Generator (+/- 15 %)
				 GAS	 NO GAS	200	300			I _A (60 %)	X% (I ₂ maks)		
110V 1~	32A	20-130A	20-160A	20-150A	0,6 -	0,9 -	✓	✓	 0,8	100A	150A 22 %	41x73x77 / 27	7,5 kW 9 kVA
230V 1~	16A	20-200A	20-200A	20-200A	1.0	1.2				130A	200A 20 %		