MULTI PROCESSES
SINGLE-PHASE
INVERTER

20▷200A

E.MULTIWELD 220-2

Ref. 089938

INVEST IN THE FUTURE

4 in 1, the E.MULTIWELD 220-2, 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 to enable welding in all positions. Versatile, but also equipped with a single-phase power supply with PFC/FV technology, it is the perfect tool in the workshop or on site.**

3 WELDING PROCESSES



• MIG-MAG
- 2 roller motor: **ø 100 and ø 200 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 T**IG 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)



TIG Torch
SR17 DB - Air
4 m (046108)



TROLLEY 4m³
WELD 810
(037489)



TROLLEY 4m³
WELD 610
(040281)

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.

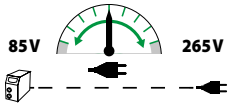
Suggested synergies :

Type of metal	Fe	Fe	AlG 5	Stainless steel	Cored wire	CuSi 3	CuAl 8	AlSi 5	AlSi 12
Process	MAG	MAG	MIG	MAG	MAG	MIG	MIG	MIG	MIG
Gas	Ar+CO²	CO²	Ar	Ar+CO² 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	0.9 -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

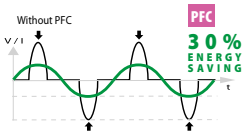
FV **FLEXIBLE VOLTAGE**



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 supresses 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 electricical network up to 400V (lightning, generator, load shedding loads...)

50/60 Hz	AM	MMA I2	TIG I2	min▷max	ømm GAS	ømm NO GAS	ømm 100	ømm 200	Electronic Control	équipé d'origine / original equipement / Originalausstatung / equipamiento de fabrica	EN60974-1 (40°C) MIG IA (60 %)	EN60974-1 (40°C) MIG X% (I2 max)	cm/kg	Protected & Compatible Power Generator (+/- 15 %)
110V 1~	32A	20-130A	20-160A	20-150A	0,6 - 1.0	0,9 - 1.2	✓	✓		0,8	100A	150A 22 %	25x45x35 / 16	7,5 kW 9 kVA
230V 1~	16A	20-200A	20-200A	20-200A							130A	200A 20 %		