

**3 in 1, the MULTIPEARL 210-2, is a multi-process power source capable of performing MIG/MAG, 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 **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.

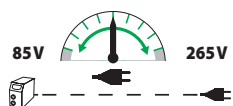
### Suggested synergies :

Type of metal	Fe	Fe	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+CO <sup>2</sup>	CO <sup>2</sup>	Ar	Ar+CO <sup>2</sup> 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

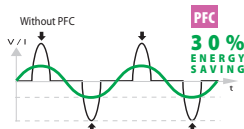
#### FV FLEXIBLE VOLTAGE



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 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...)

50/60hz	AM	MMA I <sub>2</sub>	TIG I <sub>2</sub>	min▷max	Ømm		100	200	Electronic Control	équipé d'origine / original equipment / Originalausstattung / equipamiento de fabrica	EN60974-1 (40°C) MIG		cm/kg	Protected & compatible POWER GENERATOR (+/- 15%)
					GAS	NO GAS					I <sub>A</sub> (60%)	X% (I <sub>2</sub> max)		
110V 1~	32A	20-130A	20-160A	20-150A	0.6	0.9	✓	✓	⚡	0.8	100A	150A 22%	25x45x35 / 16	7,5 kW 9 kVA
230V 1~	16A	20-200A	20-200A	20-200A	1.0	1.2			⚡		130A	200A 20%		