

MULTIWELD 236 SYNERGIC



MULTIWELD 236 SYNERGIC is a **single-phase multipurpose inverter** power source, suitable for **welding alternately in MIG/MAG, MMA (stick electrode) and DC TIG ("lift" start) mode**. It has a **compact design**, a **low weight** and, with a **welding current of 220A**, allows to weld wires up to a diameter of 1,2mm. It can be **connected to generators**.

Thanks to all these characteristics, it's an ideal machine for maintenance, repair, installation and on site welding, but also for workshop works requiring versatility of use.

- Equipped with **2 displays** that show the **amps and voltage** and the **welding process** selected: MIG/MAG, MMA or DC TIG.
- Equipped with **EURO type connection** for MIG/MAG and TIG torches.
- **TIG** welding with start by **"lift" contact**.
- Suitable to **weld in MMA-SMAW** mode both rutile and basic electrodes.
- It's equipped with **PFC** (Power Factor Correction) device to reduce and stabilize the power absorption.
- Possibility to activate a security **password**.
- On request, a **kit for 15 kg - Ø 300 mm wire reels and a trolley** are available,.

In the **MIG/MAG** mode:

- **it is possible to select a synergic program** according to the wire type and diameter as well as the shielding gas to be used;
- it has curves optimized for **steel, stainless steel, aluminium, MIG brazing and flux cored wire**; it's possible **to store new programs**;
- synergic programs for steel allow working with either mixed gasses or 100% CO₂;
- selecting the **manual working mode**, it's possible to modify the welding parameters;
- a dedicated control is provided for **fine tuning the arc length**.

SINGLE-PHASE MULTIPURPOSE INVERTER POWER SOURCE

TECHNICAL DATA

Model	MULTIWELD 236 SYNERGIC		
Code	S00228		
Single-phase input supply	1x230V 50-60Hz		
Installation power	4,5 kW		
	MIG	TIG	MMA
Absorbed power	6,9 KVA 35%	5,2 KVA 35%	5 KVA 60%
Current range	15÷220A	5÷220A	10÷160A
Duty cycle	35% 60% 100% 220A 200A 180A	35% 60% 100% 220A 200A 180A	60% 100% 160A 120A
Stepless regulation	ELECTRONIC		
Wire	Ø 0,6/0,8/0,9/1,0/1,2 Fe-Inox 0,8/0,9/1,0/1,2 Al - 0,8/0,9/1,0 CuSi3% 0,8/1,0 AlBz8 - 0,9 Cored mm		
Standard wire spool size	Ø 200 mm – 5 kg.		
Electrodes	Ø 1,6 – 4 mm		
Number of programs	37		
Protection class	IP 23		
Construction standards	EN60974-1 EN60974-10 CE S		
Dimensions	220x495x450h mm		
Weight	13 kg		