Elettro C.F. s.r.l.
via Miglioli, 24 40024 - Castel San Pietro Terme (Bologna) Italy
Telefono +39 051941453 - +39 0516942026 - FAX +39 051944602
C.F. e Registro Imprese BO n. 00706680378 - P.I. 00521381202 - Capitale Sociale 72.320,00 i.v.

Les détails du produit:

Code: S00290 **Modèle:**SYNERGIC MIG 205 AL



Thanks to its INVERTER technology enabling to achieve ideal control of welding variables, this new MIG MAG continuous wire welding single-phase generator is particularly suitable for welding materials generally know as “difficult”, such as aluminium and galvanised sheet iron, as well as carbon steel and stainless steel.
It has a manual/synergic control panel with memory-stored curves and electronic adjustment of inductance ratings, spot-welding times and idle times, which make it extremely easy to use.
Its compact, innovative design, low power consumption, reduced dimensions and weight and high efficiency make it a highly useful and versatile professional tool for a wide range of applications in workshops, car body repair shops, on job-sites and in medium-sized production plants.

MAIN FEATURES
•Exceptionally good arc stability at low amp rating
•Minimised thermal alteration in the welding seam area even when thin parts are welded
•Possibility to use small diameter aluminium wires (down to 0.6 mm)
•Possibility to use corrosion-proof copper-silicon wire (braze welding)
•Possibility to weld without gas protection (flux-cored wire)
•Supplied with 14 synergic programs and 5 manual programs
•Easy to use interface
•Easy to learn operation also for less skilled welders
•Highly professional and customisable by more experienced welders
•Automatic impedance adjustment
•Can be used for spot welding by adjusting the working time/idle time with the Intermittent operation function
•Compact design, reduced weight and dimensions
•Low absorption from power mains.

ADVANTAGES OF SYNERGY
After selecting the type of gas and of weld material and its diameter, by modifying the wire speed (welding current) the generator can automatically adjust all the other welding parameters, facilitating the arc start and stability.
The SYNERGIC MIG 205 AL generator is supplied with 19 programs (14 synergic and 5 manual programs) for aluminium, copper-silicon, carbon steel, stainless steel, and cored wire, for welding wire diameters from 0.6 to 1.0 mm and CO2 and Argon gases.
The operator can either choose one of the easy-to-run pre-set programs or set specific, customised programs.

THE P2KP PUSH PULL TORCH
Specially designed for aluminium wire welding, this torch guarantees smooth, safe wire feeding down to a wire diameter of 0.6 mm. It has a highly ergonomic design and limited weight for use in confined

Elettro C.F. s.r.l.
via Miglioli, 24 40024 - Castel San Pietro Terme (Bologna) Italy
Telefono +39 051941453 - +39 0516942026 - FAX +39 051944602
C.F. e Registro Imprese BO n. 00706680378 - P.I. 00521381202 - Capitale Sociale 72.320,00 i.v.

spaces and difficult working conditions.
It has an UP-DOWN control for the welder to adjust the welding current directly from the torch.

Fiche technique:

Code	S00290
Item	SYNERGIC MIG 205 AL
Input Voltage	1x230V 50-60Hz
Absorbed power	60% 6 kVA - 100% 5,3 KVA
MIN-MAX Welding current	15 ÷ 185 A
Duty cycle – 10 MIN CYCLE ACCORDING TO EN 60974-1	60% 160A - 100% 145A
Stepless regulation	ELECTRONIC
Wire size (solid)	0,6 -0,8 – 1 AL / 0,6 – 0,8 INOX – FE / 0,9 FLUX CORED
Max. wire spool size	Ø 200 mm / 5 kg.
Protection class	IP23
Construction standards	EN 60974 – 1 / EN50199
Dimensions	mm 255x440x475h
Weight	21 kg

Elettro C.F. s.r.l.
via Miglioli, 24 40024 - Castel San Pietro Terme (Bologna) Italy
Telefono +39 051941453 - +39 0516942026 - FAX +39 051944602
C.F. e Registro Imprese BO n. 00706680378 - P.I. 00521381202 - Capitale Sociale 72.320,00 i.v.

Accessoires:



580002 *(optional)* Transport cart



540041 *(optional)* 15 kg. reels holder kit



535011 *(optional)* 3 m, M 15 torch



535028 *(optional)* 4m,PUSH-PULL P3KP torch