



**ELEMENTS** ... WITH WELDING ACCESSORIES **NEW**



- Direct current (DC), MMA and TIG electrode inverter welding machine, 170A. Supplied with accessories for electrode welding.
- Usable electrodes: rutile, basic, stainless steel, cast iron, etc. up to 4 mm.
- Advanced arc control devices: arc force, hot start, anti-stick.
- Thermostatic, overvoltage, undervoltage, overcurrent protection.
- Compatible for use with the motor generator (230V, +/-15%).
- High stability of the welding current in power supply voltage variations.
- Light and compact. Easy to transport.
- Contained consumption thanks to inverter technology.

## TECHNICAL DATA

|                           |                     |                           |                |                               |                         |
|---------------------------|---------------------|---------------------------|----------------|-------------------------------|-------------------------|
| CODE                      | <b>816992</b>       | DC CURRENT AT 60%         | <b>80 A</b>    | MAINS FUSE                    | <b>16 A</b>             |
| SINGLEPHASE MAINS VOLTAGE | <b>200-240 V</b>    | MAX NO LOAD VOLTAGE IN DC | <b>85 V</b>    | EFFICIENCY                    | <b>82 %</b>             |
| MAINS FREQUENCY           | <b>50 / 60 Hz</b>   | MAX ABSORBED CURRENT      | <b>34 A</b>    | POWER FACTOR(cosphi) (cosphi) | <b>0,65</b>             |
| CURRENT RANGE IN DC       | <b>10 - 170 A</b>   | ABSORBED CURRENT AT 60%   | <b>15 A</b>    | D.USABLE ELECTRODES IN DC     | <b>1,6 - 4 mm</b>       |
| %USE (20°C USE) (*)       | <b>75% @170A</b>    | MAX ABSORBED POWER        | <b>5,1 kW</b>  | INSULATION CLASS              | <b>F</b>                |
| MAX CURRENT DC EN60974-1  | <b>150 @ 20 % A</b> | ABSORBED POWER AT 60%     | <b>2,25 kW</b> | DIMENSIONS (LxWxH)            | <b>30,2x13,2x24,2cm</b> |
| CURRENT 35% DC            | <b>100 A</b>        | MOTORGENER. MINIMUM POWER | <b>7,5 kW</b>  | WEIGHT                        | <b>4,0 kg</b>           |

## SUPPLIED ACCESSORIES

|        |                                     |
|--------|-------------------------------------|
| 125521 | CABLE 16 MMQ 1,8 M + CLAMP ATLAS 25 |
| 125522 | CABLE 16 MMQ 1,8 M + EARTH ATLAS 25 |

## DESCRIPTION

MMA and TIG inverter, electrode welding machine in direct current (DC) with scratch striking. Use with a wide range of electrodes: rutile, basic, stainless steel, cast iron, etc.

Features:

- compact and light;
- high welding current stability in spite of mains voltage fluctuations;
- arc force, hot start and anti-stick devices;
- thermostatic, overvoltage, undervoltage, overcurrent, motorgenerator (+/- 15%) protections.

Complete with welding accessories.

## DOWNLOAD



CATALOG IMAGE



INSTRUCTION MANUAL



SPARE PARTS LIST



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CERTIFICATE