



- Direct current (DC) TIG (LIFT strike) and MMA electrode inverter welding machine, 170A, with LCD display. Supplied with accessories for electrode welding and plastic case.
- MMA welding with arc-force adjustment and presence of hot-start devices; welds rutile, basic, stainless steel and cast iron electrodes up to Ø 4mm.
- With set welding current display.
- Thermostatic, overvoltage, undervoltage, overcurrent protection. Compatible for use with the motor generator (230V, +/-15%).
- VDR device for greater safety in welding operations in damp environments.
- Light and compact. Easy to transport. Contained consumption thanks to inverter technology.

TECHNICAL DATA

| | | | | | |
|---------------------------|---------------------|-----------------------------|---------------|-------------------------------|------------------------|
| CODE | 816220 | MAX NO LOAD VOLTAGE IN DC | 78 V | POWER FACTOR(cosphi) (cosphi) | 0,7 |
| SINGLEPHASE MAINS VOLTAGE | 230 V | MAX NO LOAD VOLTAGE DC(VRD) | 14 V | D.USABLE ELECTRODES IN DC | 1,6 - 4 mm |
| MAINS FREQUENCY | 50 / 60 Hz | MAX ABSORBED CURRENT | 29 A | INSULATION CLASS | F |
| CURRENT RANGE IN DC | 10 - 170 A | ABSORBED CURRENT AT 60% | 17 A | PROTECTION DEGREE | IP23 |
| %USE (20°C USE) (*) | 88% @ 150A | MAX ABSORBED POWER | 4,4 kW | DIMENSIONS (LxWxH) | 38 x 42 x 17 cm |
| MAX CURRENT DC EN60974-1 | 160 @ 20 % A | ABSORBED POWER AT 60% | 2,6 kW | WEIGHT | 9,4 kg |
| CURRENT 35% DC | 115 A | MOTORGENER. MINIMUM POWER | 6 kW | | |
| DC CURRENT AT 60% | 110 A | EFFICIENCY | 86 % | | |

SUPPLIED ACCESSORIES

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|--------|----------------------------------|
| 322800 | PLASTIC CARRY CASE |
| 124466 | CABLE 25 MMQ 3 M PLUG ATLAS 25 |
| 712030 | TOLEDO 250 WORK CLAMP 250A |
| 712260 | DALLAS 300 ELECTRODE HOLDER 300A |
| 722341 | GAS REGULATOR REFILLABLE BOTTLE |
| 722563 | ST9V 4M AX25 TIG TORCH |

OPTIONAL ACCESSORIES

BLISTER ELECTRODES

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|--------|---|
| 804569 | BASIC ELECTRODES D. 2,5 MM 10 PCS |
| 804570 | BASIC ELECTRODES D. 3,2 MM 8 PCS |
| 804571 | STAINLESS STEEL ELECTRODES D. 2,5 MM 10 PCS |
| 804564 | RUTILE ELECTRODES D. 1,6 MM 15 PCS |
| 802620 | RUTILE ELECTRODES D. 4 MM 8 PCS |

BOXED ELECTRODES

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|--------|------------------------------------|
| 802737 | RUTILE ELECTRODES D. 2 MM 2,5 KG |
| 802739 | RUTILE ELECTRODES D. 2,5 MM 2,5 KG |
| 802749 | RUTILE ELECTRODES D. 3,2 MM 4 KG |

ACCESSORIES/VARIOUS/SPARE PART

| | |
|--------|---------------------------------------|
| 801096 | MMA WELDING KIT 200A 16 MMQ 3+2M AX25 |
|--------|---------------------------------------|

DESCRIPTION

TIG (LIFT striking) and MMA inverter welding machine in direct current (DC).

Use with a wide range of materials such as steel, stainless steel, titanium, copper, nickel and their alloys.

The Voltage Reduction Device (VRD) is used to decrease the output voltage to a safe level when the welding machine is on but not in welding conditions. This grants the operator's safety: he can come into contact with the electrode without risks, until welding operations are resumed. (for use in damp environment such as mines or shipyards, etc.).

Features:

- compact and light;
- LCD display to check welding current;

- MMA regulations: arc force and hot start;
- MMA electrodes: rutile, basic, stainless steel and cast iron;
- thermostatic, overcurrent, overvoltage, undervoltage, motorgenerator (+/-15%) protections.

Complete with TIG/MMA welding accessories and plastic carry case.

DOWNLOAD



CATALOG IMAGE



INSTRUCTION MANUAL



SPARE PARTS LIST