

FORCE 165 + ACC. + AUTOMATIC WELDING HELMET



- Direct current (DC) MMA electrode inverter welding machine, 150A. Supplied with welding accessories and automatic darkening helmet.
- 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.
- Automatic darkening welding helmet with rapid response times (0.4ms), 2 sensors to identify the arc and DIN11 darkening. Optical class 1/1/1/2 certified.

TECHNICAL DATA

CODE	815863	MAX NO LOAD VOLTAGE IN DC	72 V	D.USABLE ELECTRODES IN DC	1,6 - 4 mm
SINGLEPHASE MAINS VOLTAGE	230 V	MAX ABSORBED CURRENT	31 A	INSULATION CLASS	H
MAINS FREQUENCY	50 / 60 Hz	MAX ABSORBED POWER	4,1 kW	PROTECTION DEGREE	IP21
CURRENT RANGE IN DC	10 - 150 A	MOTORGENER. MINIMUM POWER	6 kW	DIMENSIONS (LxWxH)	30 x 12,5 x 22,5 cm
%USE (20°C USE) (*)	60% @ 150A	EFFICIENCY	82 %	WEIGHT	4,23 kg
MAX CURRENT DC EN60974-1	140 @ 7% A	POWER FACTOR(cosphi) (cosphi)	0,6		

SUPPLIED ACCESSORIES

124508	CABLE 16 MMQ 1,8 M - PLUG ATLAS 25
712139	SLAG REMOVER
712260	DALLAS 300 ELECTRODE HOLDER 300A
804151	LION

OPTIONAL ACCESSORIES

BLISTER ELECTRODES

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

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

DESCRIPTION

MMA inverter, electrode welding machine in direct current (DC). 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 AUTOMATIC helmet and MMA welding accessories.

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CATALOG IMAGE



INSTRUCTION MANUAL



SPARE PARTS LIST



BROCHURE