

INFINITY 180



ELEMENTS WITH WELDING ACCESSORIES
 **KW**
GENERATOR COMPATIBLE

- Direct current (DC), MMA and TIG electrode inverter welding machine, 160A. 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.

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 MMA welding accessories.



TECHNICAL DATA

CODE	CODE 816081	V_{1PH}	SINGLEPHASE MAINS VOLTAGE 230 V	F	MAINS FREQUENCY 50 / 60 Hz
A_{MIN} MAX DC	CURRENT RANGE IN DC 20 - 160 A	A_{40°C} MAX DC	MAX CURRENT DC EN60974-1 160 @ 35 % A	A_{60%} 40°C DC	DC CURRENT AT 60% 120 A
V₀ DC	MAX NO LOAD VOLTAGE IN DC 60 V	A_{MAX}	MAX ABSORBED CURRENT 30 A	A_{60%}	ABSORBED CURRENT AT 60% 23 A
P_{MAX}	MAX ABSORBED POWER 4,5 kW	P_{60%}	ABSORBED POWER AT 60% 3,3 kW	P_{MIN} GEN	MOTORGENER. MINIMUM POWER 7 kW
η	EFFICIENCY 90 %	φ	POWER FACTOR(cosphi) (cosphi) 0,7	Ø_{MIN} MAX DC	D.USABLE ELECTRODES IN DC 1,6 - 4 mm
IP	PROTECTION DEGREE IP23	LxWxH	DIMENSIONS (LxWxH) 35,5 x 14,5 x 24 cm	kg	WEIGHT 6,145 kg

SUPPLIED ACCESSORIES

CABLE 25 MMQ 2 M PLUG ATLAS 25
124465



CABLE 25 MMQ 3 M PLUG ATLAS 25
124466



TOLEDO 250 WORK CLAMP 250A
712030



DALLAS 300 ELECTRODE HOLDER 300A
712260

ON REQUEST ACCESSORIES



RUTILE ELECTRODES D. 2 MM 15
PCS
802617



RUTILE ELECTRODES D. 2,5 MM
15 PCS
802618



RUTILE ELECTRODES D. 3,2 MM
10 PCS
802619



RUTILE ELECTRODES D. 4 MM 8
PCS
802620



STAINLESS STEEL ELECTRODES D.
3,2 MM 8 PCS
802624



RUTILE ELECTRODES D. 2 MM 2,5
KG
802737



RUTILE ELECTRODES D. 2,5 MM
2,5 KG
802739



RUTILE ELECTRODES D. 3,2 MM 4
KG
802749

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CATALOG IMAGE



INSTRUCTION MANUAL



SPARE PARTS LIST



CERTIFICATE

USEFUL LINKS



VIDEO