

# INFINITY 170



**ELEMENTS**  
...  
...  
...

WITH  
WELDING  
ACCESSORIES

 **KW**  
GENERATOR  
COMPATIBLE

## 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

<b>CODE</b>	CODE 816124	<b>V<sub>1PH</sub></b>	SINGLEPHASE MAINS VOLTAGE 230 V	<b>F</b>	MAINS FREQUENCY 50 / 60 Hz
<b>A<sub>MIN</sub> A<sub>MAX</sub> DC</b>	CURRENT RANGE IN DC 20 - 150 A	<b>A<sub>40°C</sub> A<sub>DC</sub></b>	MAX CURRENT DC EN60974-1 140 @ 25 % A	<b>A<sub>60%</sub> A<sub>40°C</sub> DC</b>	DC CURRENT AT 60% 80 A
<b>V<sub>0</sub> DC</b>	MAX NO LOAD VOLTAGE IN DC 75 V	<b>A<sub>MAX</sub></b>	MAX ABSORBED CURRENT 28 A	<b>A<sub>60%</sub></b>	ABSORBED CURRENT AT 60% 14 A
<b>P<sub>MAX</sub></b>	MAX ABSORBED POWER 4,5 kW	<b>P<sub>60%</sub></b>	ABSORBED POWER AT 60% 2 kW	<b>P<sub>MIN</sub> GEN</b>	MOTORGENER. MINIMUM POWER 6 kW
	MAINS FUSE 16 A	<b>η</b>	EFFICIENCY 87 %	<b>φ</b>	POWER FACTOR(cosphi) (cosphi) 0,7
<b>∅<sub>MIN</sub> ∅<sub>MAX</sub> DC</b>	D.USABLE ELECTRODES IN DC 1,6 - 4 mm	<b>IP</b>	PROTECTION DEGREE IP23	<b>LxWxH</b>	DIMENSIONS (LxWxH) 35,5 x 14,5 x 24 cm
<b>kg</b>	WEIGHT 4,94 kg				

SUPPLIED ACCESSORIES



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



TIG RODS 308L 1.6X500  
0.5kg  
804364



ARGON GAS BOTTLE IT ADAPTOR  
432036



GAS REGULATOR 2 MANOMETERS  
12 L\min  
722119



ST9V TIG TORCH AX25 4M  
722563



KIT 10 CERIUM-TUNGSTEN ELECTR.  
D.1 MM  
802220



KIT 10 CERIUM-TUNGSTEN ELECTR.  
D.1,6 MM  
802222



KIT 3 ELECTRODE HOLDER CLAMPS  
D.1 MM  
802223

KIT 3 ELECTRODE HOLDER CLAMPS D.1,6 MM ST9V  
802225



KIT 3 ELECTRODE DIFFUSERS D.1,6  
MM ST9V  
802228



KIT 10 CERAMIC NOZZLES  
NR.5  
802230



KIT 10 CERAMIC NOZZLES  
NR.6  
802231



TIG RODS 308L 2.0X500  
0.5kg  
804365



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



TIG WELDING KIT - ST9V  
801097

## DOWNLOAD



CATALOG IMAGE



SPARE PARTS LIST

## USEFUL LINKS



VIDEO