

# INFINITY 220 ACX



**ELEMENTS** WITH WELDING ACCESSORIES  
 **KW**  
GENERATOR COMPATIBLE

- Direct current (DC), MMA and TIG electrode inverter welding machine, 200A. 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

<b>CODE</b>	CODE 816082	<b>V<sub>1PH</sub></b>	SINGLEPHASE MAINS VOLTAGE 230 V	<b>F</b>	MAINS FREQUENCY 50 / 60 Hz
<b>A<sub>MIN</sub> MAX DC</b>	CURRENT RANGE IN DC 20 - 200 A	<b>A<sub>40°C</sub> MAX DC</b>	MAX CURRENT DC EN60974-1 200 @ 35 % A	<b>A<sub>60%</sub> 40°C DC</b>	DC CURRENT AT 60% 140 A
<b>V<sub>0</sub> DC</b>	MAX NO LOAD VOLTAGE IN DC 60 V	<b>A<sub>MAX</sub></b>	MAX ABSORBED CURRENT 36 A	<b>A<sub>60%</sub></b>	ABSORBED CURRENT AT 60% 24 A
<b>P<sub>MAX</sub></b>	MAX ABSORBED POWER 6 kW	<b>P<sub>60%</sub></b>	ABSORBED POWER AT 60% 4 kW	<b>P<sub>MIN</sub> GEN</b>	MOTORGENER. MINIMUM POWER 10 kW
<b>η</b>	EFFICIENCY 92 %	<b>φ</b>	POWER FACTOR(cosphi) (cosphi) 0,7	<b>Ø<sub>MIN</sub> MAX DC</b>	D.USABLE ELECTRODES IN DC 1,6 - 4 mm
<b>IP</b>	PROTECTION DEGREE IP23	<b>LxWxH</b>	DIMENSIONS (LxWxH) 40 x 14,5 x 24 cm	<b>kg</b>	WEIGHT 6,56 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**

## DOWNLOAD



CATALOG IMAGE



INSTRUCTION MANUAL



SPARE PARTS LIST



CERTIFICATE

## USEFUL LINKS



VIDEO