



SUPERIOR TIG 311 DC



Overview

SUPERIOR TIG 311 DC

cod. 816123

Microprocessor controlled, TIG (high frequency HF or LIFT striking), PULSE TIG 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.

Features:

- pulse and EASY pulse operation
- TIG regulations: "bi-level", start up/end current, spot welding time, pre/post gas, current up/down slope, balance DC, square wave frequency
- THINSPOT function for quick and precise tack welding - MMA regulations: arc force and hot start
- anti-stick device
- VRD device
- remote control and G.R.A. water cooling connector
- thermostatic, overvoltage, undervoltage, overcurrent, water cooling unit protections.

Complete with TIG welding accessories.



3 PH 230V-400V



CE MARKING



EAC CERTIFICATION



REMOTE CONTROLS

Technical data

CODE	CODE 816123	A_{MAX}	MAX ABSORBED CURRENT 19 / 14,4 A	φ	POWER FACTOR (cosphi) 0,9
V_{3PH}	THREE PHASE MAINS VOLTAGE 230 / 400 V	A_{60%}	ABSORBED CURRENT AT 60% - MAX 15 / 10,2 A	Ø_{DC} MIN/MAX	D. USABLE ELECTRODES IN DC 1,6 - 5 mm
F	MAINS FREQUENCY 50 / 60 Hz	P_{MAX}	MAX ABSORBED POWER 7,2 / 9,2 kW	IP	PROTECTION DEGREE IP23



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	CURRENT RANGE 10 - 250 / 10 - 300 A		ABSORBED POWER AT 60% 6,2 / 6,3 kW		DIMENSIONS 47 x 19 x 35,5 cm
	MAX CURRENT DC (EN 60974-1) 200 @ 42 % / 300 @ 30% A		MAINS FUSE 16 / 10 A		WEIGHT 18 kg
	DC CURRENT 185 / 205 A		EFFICIENCY 91 V		EAN CODE 800489797290 9
	MAX NO LOAD VOLTAGE 61 / 64 V				

Included Accessories

	ARGON GAS BOTTLE IT ADAPTOR - 432036		GAS REGULATOR 2 MANOMETERS 12 L\min - 722119
	TOLEDO 300 WORK CLAMP - 712231		ST26 TIG TORCH AX50 4M - 742614
	CABLE 25 MMQ 3 M ATLAS 50MMQ - 713504		