



SUPERIOR TIG 251 DC



Overview

SUPERIOR TIG 251 DC

cod. 816116

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.



REMOTE CONTROLS



CE MARKING



EAC CERTIFICATION

Technical data

CODE	CODE 816116	V₀ DC	MAX NO LOAD VOLTAGE 101 V	η	EFFICIENCY 85 V
V_{3PH}	THREE PHASE MAINS VOLTAGE 400 V	A_{MAX}	MAX ABSORBED CURRENT 12 A	cosφ	POWER FACTOR (cosφ) 0,8
F	MAINS FREQUENCY 50 / 60 Hz	A_{60%}	ABSORBED CURRENT AT 60% - MAX 6 A	Ø_{DC} MIN/MAX	D. USABLE ELECTRODES IN DC 1,6 - 5 mm
A_{MIN} / A_{MAX} DC	CURRENT RANGE 10 - 250 A	P_{MAX}	MAX ABSORBED POWER 7,5 kW	IP	PROTECTION DEGREE IP23



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MAX CURRENT DC (EN 60974-1) 230 @ 20 % A



ABSORBED POWER AT 60% 3,3 kW



DIMENSIONS 43 x 17,5 x 34 cm



DC CURRENT 115 A



MAINS FUSE 10 A



WEIGHT 16,4 kg

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