



SUPERIOR TIG 251 DC-HF/LIFT VRD 400V+ACC



Overview

SUPERIOR TIG 251 DC-HF/LIFT VRD 400V+ACC

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	V_{0 DC}	MAX NO LOAD VOLTAGE 101 V	φ	POWER FACTOR (cosphi) 0,8
V_{3PH}	THREE PHASE MAINS VOLTAGE 400 V	A_{MAX}	MAX ABSORBED CURRENT 12 A	∅_{DC MIN/MAX}	D. USABLE ELECTRODES IN DC 1,6 - 5 mm
F	MAINS FREQUENCY 50 / 60 Hz	A_{60% MAX}	ABSORBED CURRENT AT 60% - MAX 6 A	A_{MIN MAX DC}	CURRENT RANGE 10 - 250 A
P_{MAX}	MAX ABSORBED POWER 7,5 kW	IP	PROTECTION DEGREE IP23	A_{MAX 40°C DC}	MAX CURRENT DC (EN 60974-1) 230 @ 20 % A



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ABSORBED POWER AT 60% 3,3 kW



DIMENSIONS 43 x 17,5 x 34 cm



MAINS FUSE 10 A



WEIGHT 16,4 kg



DC CURRENT 115 A



EFFICIENCY 85 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 DX50 4M - 742614

CABLE 25 MMQ 3 M - DINSE 50 - 713504