



## 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




<b>CODE</b>	CODE 816116	<b>V<sub>0 DC</sub></b>	MAX NO LOAD VOLTAGE 101 V	<b>η</b>	EFFICIENCY 85 V
<b>V<sub>3PH</sub></b>	THREE PHASE MAINS VOLTAGE 400 V	<b>A<sub>MAX</sub></b>	MAX ABSORBED CURRENT 12 A	<b>φ</b>	POWER FACTOR (cosphi) 0,8
<b>F</b>	MAINS FREQUENCY 50 / 60 Hz	<b>A<sub>60%</sub></b>	ABSORBED CURRENT AT 60% - MAX 6 A	<b>∅<sub>DC MIN/MAX</sub></b>	D. USABLE ELECTRODES IN DC 1,6 - 5 mm
<b>A<sub>MIN/MAX DC</sub></b>	CURRENT RANGE 10 - 250 A	<b>P<sub>MAX</sub></b>	MAX ABSORBED POWER 7,5 kW	<b>IP</b>	PROTECTION DEGREE IP23



## SUPERIOR TIG 251 DC

 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	