

Product Detail:

Code: S00124

Model: TIG 1610 AC/DC

The single-phase AC/DC inverter power source for TIG welding with high frequency and MMA-SMAW, TIG 1610 AC/DC, is equipped with high frequency start and pulsed arc mode.

It is suitable for servicing in general.

MAIN FEATURES:

- In TIG AC mode, it welds aluminium, magnesium and brass as well as ferrous materials in TIG DC mode.
- Low power consumption: 3 KW maximum.
- In AC mode, frequency can be adjusted.
- In TIG AC mode, it automatically recalls the welding program relative to the diameter of the electrode in use.
- Penetration and cleansing of welding bath are adjustable.
- Suitable to weld in MMA-SMAW mode both rutile and basic electrodes.
- Pulsed arc to reduce alteration of workpiece due to heat, hence to allow welding of thin coils.
- 2-stage, 4-stage and 4-stage-bilevel functions.
- Possibility of welding within two pre-set current levels (bilevel).
- Optional remote controls: foot-operated, hand-operated with knob or torch-mounted up-down control.
- In TIG welding, either HF Start or Contact Start can be selected.
- Up to 9 welding programs can be stored in the memory and easily recalled.
- Microprocessor control.
- Compact design and light weight construction.

ADVANTAGES

- Minimized thermal alteration for welding of thin coils
- Great arc stability
- Control panel with easy-to-operate controls
- Possibility of adjusting current directly on the torch UP-DOWN
- Forced air cooling through cooling tunnel
- IP23C protection class to allow outdoor work
- High efficiency and low absorption from mains
- Compact design and low weight.
- Strong steel body with epoxy, scratch proof, bake oven powder coating.



Technical Data:

Code	S00124	
Item	TIG 1610 AC/DC	
Mode	TIG	MMA
Input Voltage	1x230V 50-60Hz	
Installation power	3 kW	
MIN-MAX Welding current	5 ÷ 160 A	10 ÷ 140 A
Duty cycle – 10 MIN CYCLE ACCORDING TO EN 60974-1	40% 160A - 60% 145A - 100% 130A	35% 140A - 60% 125A - 100% 115A
Electrodes	Ø mm 1,6 ÷ 3,2	
Stepless regulation	ELECTRONIC	
Protection class	IP 23 C	
Insulation class	H	
Construction standards	EN 60974-1 EN60974-10	
Dimensions	mm 220x390x460h	
Weight	kg 18	

Accessories:



501705A.1
1 *(optional)* Accessories kit for electrode welding with 3+2 m cables of 25 mm², Texas 50



580002 *(optional)* Transport cart



363307 *(optional)* Foot control and TIG torch connector



530137 *(optional)* Earth cable for welding



535805 *(optional)* 4 m, ABITIG 26 UP-DOWN torch



530330 *(optional)* 5 m long cable for remote control



535802 *(optional)* 4 m, ABITIG 26 torch



570008 *(optional)* TIG foot control



570006 *(optional)* Remote control