

Product Detail:

Code: S00103

Model: TIG 1580 DC HF

SINGLE-PHASE INVERTER POWER SOURCE FOR TIG WELDING WITH HIGH FREQUENCY

The single-phase DC inverter power source for TIG welding with high frequency and MMA-SMAW, TIG 1580 DC HF, is equipped with high frequency start and contact start.

It's suitable for applications in small-sized production plants as well as repair and maintenance works.

It can be fed from motor-driven generators provided that they have an electronic regulator of the tension, a power equal to or greater than 6 kVA single-phase, and must not deliver a voltage greater than 260V.

MAIN FEATURES:

- In TIG mode, the arc may be started either in high frequency (HF Start) or by contact (Contact Start).
- 2-stage, 4-stage functions.
- Slope-Down and Post-Gas adjustment.
- Optional remote controls: foot –operated or hand-operated.
- In MMA-SMAW mode, it welds both coated rutile and basic electrodes.
- Microprocessor.
- High efficiency and low consumption.
- Great arc stability
- Control panel with easy-to-operate controls
- Forced air cooling through cooling tunnel
- IP23C protection class to allow outdoor work
- Compact design and low weight.
- Strong steel body with epoxy, scratch proof, bake oven powder coating.



Technical Data:

Code	S00103	
Item	TIG 1580 DC HF	
Mode	TIG	MMA
Input Voltage	1x230V 50-60Hz	
Installation power	3 kW	
MIN-MAX Welding current	5 ÷ 150 A	10 ÷ 140 A
Duty cycle – 10 MIN CYCLE ACCORDING TO EN 60974-1	40% 150A - 60% 130A - 100% 120A	30% 140A - 60% 125A - 100% 105A
Electrodes	Ø mm 1,6 ÷ 3,2	
Stepless regulation	ELECTRONIC	
Protection class	IP 23 C	
Insulation class	H	
Construction standards	EN60974-1 EN50199	
Dimensions	135x390x280h mm	
Weight	9 kg	

Accessories:



S01705A.1
1 (optional) Accessories kit for electrode welding with 3+2 m cables of 25 mm², Texas 50



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