

Product Detail:

Code: S00156

Model:TIG 1682 DC HF

Single-phase inverter power source for TIG welding with high frequency and MMA-SMAW, equipped with pulsed arc mode. Suitable for welding of iron, steel, stainless steel, copper and titanium.

It's suitable for light-medium metal fabrication as well as for servicing in general.

Equipped with graphic auto-adaptative interface display.

MAIN FEATURES

- E-PULSE function to reduce thermal alteration and simplify welding of thin coil.
- 2-stage, 4-stage and 4 stage dual level functions.
- Possibility of welding with two preset welding current levels (bilevel).
- Possibility to set the time of PREGAS, POSTGAS, SLOPE UP and SLOPE DOWN.
- Possibility of storing up to 10 welding programs in memory which may be easily re-called.
- In MMA-SMAW mode, it allows welding with rutile and basic coated electrodes.
- Forced air cooling through cooling tunnel.
- Microprocessor control of welding functions.
- Possibility to be connected to motor-driven generators with an electronic regulator of the tension (not greater than 260V RMS) and of an adequate power.
- IP23 protection to allow open-air works.
- Manufactured in compliance with the IEC/EN 61000-3-12 standard by means of the PFC devices.
- Possibility to activate a security password.
- Small dimensions and light weight.
- Optional trolley for transport.

OPTIONAL SPECIAL FUNCTIONS

- E-START
- E-ARC
- E-SPOT
- E-MULTIPOINT
- E-TWOPULSE



Technical Data:

Code	S00156		
Item	TIG 1682 DC HF		
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% 135A - 100% 110A	35% 140A - 60% 120A - 100% 100A	
Electrodes		∅ mm 1,6 ÷ 3,2	
Stepless regulation	ELECTRONIC		
Protection class	IP 23		
Construction standards	EN60974-1 / EN60974-10		
Dimensions	220x440x460h mm		
Weight	12 kg		

Accessories:


535802 (optional) 4 m, ABITIG 26 torch



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



530137 (optional) Earth cable for welding


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



580002 (optional) Transport cart



540102 (optional) INOX FAST CLEAN KIT



309269 (optional) Helmet with auto-dimming LCD filter (9-13 DIN) MAXIVISION COLOR to protect face and eyes during welding.



357502 (optional) Flowmeter with 2 gas pressure gauges



570008 (optional) TIG foot control



363307 (optional) Foot control and TIG torch connector



570006 (optional) Remote control



530330 (optional) 5 m long cable for remote control