

## Product Detail:

**Code:** S00158

**Model:**TIG 2082 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 bilevel functions.
- Possibility of welding with two preset welding current levels (bilevel).
- 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	S00158		
Item	TIG 2082 DC HF		
Mode	TIG	MMA	
Input Voltage	1x230V 50-60Hz		
Installation power	3 kW		
MIN-MAX Welding current	5 ÷ 200 A	10 ÷ 160 A	
Duty cycle – 10 MIN CYCLE ACCORDING TO EN 60974-1	40% 200A - 60% 160A - 100% 130A	35% 160A - 60% 130A - 100% 115A	
Electrodes		Ø mm 1,6 ÷ 4	
Stepless regulation	ELECTRONIC		
Protection class	IP 23		
Construction standards	EN60974-1 / EN60974-10		
Dimensions	220x440x460h mm		
Weight	14,5 kg		

**Accessories:**


309269

*(optional)*

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



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*(optional)*

 Accessories kit for electrode welding with 3+2 m cables of 25 mm<sup>2</sup>, Texas 50


357502

*(optional)*

Flowmeter with 2 gas pressure gauges



580002

*(optional)*

Transport cart



570008 (optional) TIG foot control

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363307 (optional) Foot control and TIG torch connector

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530137 (optional) Earth cable for welding

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

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535802 (optional) 4 m, ABITIG 26 torch

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570006 (optional) Remote control

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530330 (optional) 5 m long cable for remote control

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