

## Product Detail:

**Code:** S00160**Model:** TIG 2072 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 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.
- 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.
- Presetting for use of water cooled torches with the cooling unit.
- Optional trolley for transport.

### OPTIONAL SPECIAL FUNCTIONS

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



**Technical Data:**

Code	S00160		
Item	TIG 2072 DC HF		
Mode	TIG	MMA	
Input Voltage	1x230V 50-60Hz		
Installation power	4 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:**


535802 (optional) 4 m, ABITIG 26 torch



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



535806 (optional) 4 m, ABITIG 18 water cooled torch



535807 (optional) 4 m, ABITIG 18 UP-DOWN water cooled torch



530137 (optional) Earth cable for welding

S01715A.1  
1 (optional) Accessories kit with 3+2 m cables of 25 mm<sup>2</sup>, Texas 50

560010 (optional) CU06H - Horizontal 5 l cooling unit for torch



580002 (optional) Transport cart



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