

Product Detail:

Code: S00168**Model:** TIG 2015 AC/DC HF

Single phase AC/DC INVERTER power source for TIG welding with high frequency and MMA-SMAW welding. Equipped with pulsed arc mode. Suitable for welding of aluminium, brass and magnesium in TIG AC mode as well as iron, steel, stainless steel, copper in TIG DC mode.

Equipped with graphic auto-adaptative interface display.

STANDARD FEATURES AND SPECIAL FUNCTIONS

- In TIG AC, penetration and cleansing of welding bath are adjustable.
- In AC mode, frequency can be adjusted.
- E-PULSE function to reduce thermal alteration and simplify welding of thin coil.
- 2-stage, 4-stage and 4 stage bilevel functions.
- 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.
- Possibility to be connected to motor-driven generators equipped with an electronic regulator of the tension (not greater than 260V RMS) and adequate power.
- Microprocessor control of welding functions.
- IP23 protection to allow open-air works.
- It is equipped with PFC (Power Factor Correction) device to reduce and stabilize the absorbed power.
- Possibility to activate a security password.
- Small dimensions and light weight.
- Presetting for use of water cooled torches with the optional cooling unit.
- Optional trolley for transport.

OPTIONAL SPECIAL FUNCTIONS

- E-START
- E-ARC
- E-SPOT
- E-MULTIPOINT
- E-TWOPULSE
- E-MIX
- E-FUSION



Technical Data:

Code	S00168		
Item	TIG 2015 AC/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% 120A	35% 160A - 60% 130A - 100% 115A	
Electrodes		∅ mm 1,6 ÷ 4	
Stepless regulation	ELECTRONIC		
Protection class	IP 23		
Construction standards	EN60974-1 / EN60974-10		
Dimensions	220x440x460h mm		
Weight	19 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 mm², 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