

## Les détails du produit:

**Code:** S00153**Modèle:** TIG 1581 DC HF

Single phase INVERTER portable power source for TIG welding with high frequency and MMA-SMAW welding. Suitable for welding of iron, steel, stainless steel, copper and titanium.

It is suitable for assembling of external plants, on-site maintenance operations and hard to reach spaces, applications in small-sized production plants and repair works.

### MAIN FEATURES

- Stable arc.
- Easy to use.
- Microprocessor control of welding functions.
- 2-stage, 4 stage functions.
- Slope-down and post-gas adjustment.
- Presetting for remote control.
- In TIG mode, the arc may be started either in high frequency (HF Start) or by contact (Contact Start).
- In MMA-SMAW mode, it allows welding with rutile and basic coated electrodes.
- Forced air cooling through cooling tunnel.
- Possibility to be connected to household mains or to motor-driven generators with an electronic regulator of the tension (not greater than 260V RMS) and a power equal to or greater than 4,8 kVA.
- Equipped with strong shoulder strap.
- Possibility of using 50 m long power cables with no significant power losses.
- IP23 protection to allow open-air works.
- Manufactured in compliance with the IEC/EN 61000-3-12 standard by means of the PFC devices.
- Small dimensions and light weight.
- On request, it's available complete with suitcase and accessories.



**Fiche technique:**

Code	S00153	
Item	TIG 1581 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	30% 140A - 60% 115A - 100% 95A
Electrodes	Ø mm 1,6 ÷ 3,2	
Stepless regulation	ELECTRONIC	
Protection class	IP 23	
Insulation class	H	
Construction standards	EN60974-1 EN60974-10	
Dimensions	135x425x280h mm	
Weight	9,5 kg	

## Accessoires:



530137 (optional) Earth cable for welding



363307 (optional) Foot control and TIG torch connector



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



590007 (optional) Case for power source and accessories



S00153.A1 (optional) Power source with case, TIG torch and earth cable  
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S01705A.1 (optional) Accessories kit for electrode welding with 3+2 m cables of 25 mm<sup>2</sup>,  
Texas 50  
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