

Product Detail:

Code: S00153

Model: 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.



Technical Data:

| | | |
|---|---------------------------------|--------------------------------|
| 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 | |

Accessories:



590007 (optional) Case for power source and accessories



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



S00153.A1 (optional) Power source with case, TIG torch and earth cable
8



363307 (optional) Foot control and TIG torch connector



530137 (optional) Earth cable for welding



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