

# TIG dp 181H

**NEW**



MADE IN ITALY

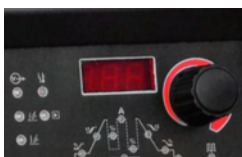
WARRANTY YEARS  
**2**



The Inverter Welding Power Source TIG dp 181H developed by STEL concentrates excellent weld performance in both DC TIG welding with high frequency ignition, and Stick-electrode welding, The newly engineered design has resulted in a portable lightweight DC TIG machine of compact dimensions.

The advanced technology of the powerful microprocessor results in a perfect arc ignition every time.

## MAIN FEATURES



### DIGITAL DISPLAY

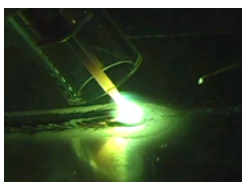
Digital Display for a clear and easy reading of the parameters at any time.



### ARC FORCE/HOT START

In STICK Mode you can use:

- Hot Start 0/50% of the Welding Current.
- Arc Force 0/50% of the Welding Current.



### HIGH FREQUENCY

HF (High Frequency) ignition, slope up and slope down adjustment (from 0 to 10s) for a perfect crater filler.



### PRINCIPLE FEATURES

Principal features include: TIG DC welding (2T, 4T), Pulsing, pre-gas and post-gas time adjustment, variable slope up and down, Tig lift, digital display of all welding parameters, low energy consumption, VRD, TIG Torch with up/down regulation.



### DC PULSING

In addition to the many functions featured, the operator is also able to TIG PULSE resulting in optimum arc formation with regulated and lower heat input, ideal for welding thin gauge materials.

Technical Data	TIG dp 181H	Features	TIG dp 181H
Main Voltage	230/240 V	Earth Clamp	25 mm <sup>2</sup>
Phase	1	Degree of Protection	IP 23
Frequency	50/60 Hz	Insulation Class	H
Real Current (20%)	13,5 A	Cooling	Air
Real Power (20%)	3 KVA	Work Temperature	40°C
Power Factor	0,7	Length/Width/Height (mm)	440x160x340
No Load Voltage	95 V	Weight	9,5 Kg
Current Range	4-180 A		
Welding Current 30% (25°C)	180 A		
Welding Current 100% (25°C)	120 A		
Welding Current 20% (40°C)	180 A		
Welding Current 60% (40°C)	115 A		
Welding Current 100% (40°C)	105 A		

The date is measured at an environment temperature of 40 °C

#### Main Accesories:



##### TIG TORCH

- Tig Torch 17 4m Air Cod. 609910000L
- Tig Torch 17 8m Air Cod. 600972000L
- Tig Torch 26 4m Air Cod. 609920000L
- Tig Torch 26 8m Air Cod. 600973000L



##### HELMET MEGA 600S

Large viewing area for maximun vision featuring innovative adjustments of delay, sensitivity and DIN protection, Shade 9-13  
Cod. 601253000L



##### GAS REGULATOR WITH FLOWMETER

Gas Regulator with Flow Meter for a perfect and safe gas regulation (italian gas connection).  
Cod. 6056100000



##### CAD RC1

cod. 600571000L  
- cod. 600572000L Cavo 10m  
- cod. 600573000L Cavo 20m  
- cod. 600574000L Cavo 30m



##### SHOULDER STRAP KIT

Pratical shoulder strap, designed for comfortable carrying of the welding power source.  
Cod. 600376000L