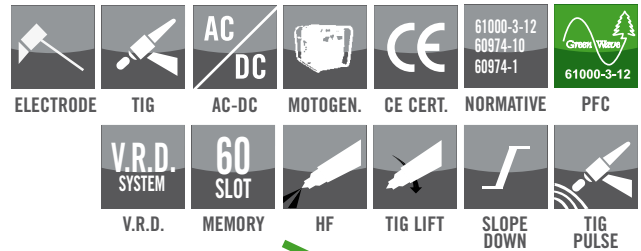




# TIG dp 221Hpa AC/DC



**30% PFC**  
Energy Saving

This generation of Inverter is able to optimize the input power with the innovative PFC (Power factor Control) feature.

The advance PFC dynamics allows the complete exploitation of the available input amps resulting in the delivery of the required welding current without power leakage.

The Tig dp 221Hpa Auto-sensing is able to operate from any single phase input voltage in the world. This sophisticated device automatically links the primary Voltage supplied from 90V up to 290V without manually linking primary voltage terminals.

No switching or internal link-up required by the operator.

The INVERTER reliability is drastically improved compensating for any Voltage spike that occurs within the input range when being used with standard or smaller motor-generators.

MADE IN ITALY

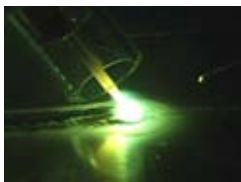
WARRANTY YEARS  
**2**

## MAIN FEATURES



### 60 MEMORIES

The new power source TIG dp 221Hpa has the possibility to save up to 60 Programs. Thanks to this system the operator can easily recall all parameters already set



### HIGH FREQUENCY

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



### AC AND DC PULSING

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



### DIGITAL DISPLAY

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



### PRINCIPLE FEATURES

Principal features include: TIG DC welding (2T, 4T), post-gas time adjustment, variable slope up/slope down, Tig lift, digital display to read the welding parameters, low energy consumption, VRD, up-down torch, pulse regulation.



### INFINITE REACH

The technology of Multi-Link provides suitability for use with extremely long input cables (500m). Potential to access distant working places.

Technical Data	Tig dp 221Hpa AC-DC		Features	Tig dp 221Hpa AC-DC
Main Voltage	115 V	230 V	Earth Clamp	50 mm <sup>2</sup>
Phase	1	1	Degree of Protection	IP 23
Frequency	50/60 Hz	50/60 Hz	Insulation Class	H
Real Current (20%)	<b>14 A</b>	<b>11 A</b>	Cooling	Air
Real Power (20%)	3,5 KVA	2,5 KVA	Work Temperature	40°C
Power Factor	<b>0,99</b>	<b>0,99</b>	Length/Width/Height (mm)	500x190x400
No Load Voltage	44 V	65 V	Weight	18,8 Kg
Current Range	4-155 A	4-220 A		
Welding Current 30% (25°C)	155 A	220 A		
Welding Current 100% (25°C)	120 A	165 A		
Welding Current 20% (40°C)	155 A	220 A		
Welding Current 60% (40°C)	130 A	165 A		
Welding Current 100% (40°C)	110 A	145 A		

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

### Main Accessories



**NEW TROLLEY KIT P**  
 Practical Trolley designed for easy movement of the Power Source and combinations in the workshop or on site.  
 Cod. 600133000L



**LIQUIDO STELFreeze**  
 5 Liters Tank for Water Cooling System.  
 Cod. 600239000L



**WATER COOLER AWC T-SP**  
 Cooling System for TIG and MIG/MAG water-cooled torches.  
 Cooling Efficiency P = 0,5 KW (1L/min)  
 Flow Rate with Torch 18 8mt = 1,7 L/min  
 Cod. 600131000L



**TIG TORCH**  
 - Tig Torch 26 4m H2O Cod. 600706000L  
 - Tig Torch 26 8m H2O Cod. 600707000L  
 - Tig Torch 20 4m H2O Cod. 600708000L  
 - Tig Torch 20 8m H2O Cod. 600709000L