



**product code: PROTIG225PACDC-SOURCE**  
**product ean: 5900391012413**

**Equipment:**

- ProTIG 225P AC/DC
- user's manual



Use the configurator to complete the equipment according to your needs.

## Product variants

### Index

**ProTIG 225P AC/DC source**  
**PROTIG225PACDC-SOURCE**

**ProTIG 225P AC/DC package with TIG torch mini SPP 17 4B X - 4m**  
**PROTIG225PACDC-PAK-17-4**

## Product description

### MODERN, PORTABLE TIG AC/DC PULSE

**SPARTUS® ProTIG 225P AC/DC** is a inverter welder in a modern edition. It allows TIG AC / DC and MMA AC / DC welding with current up to 200A. The machine is powered from a 230V one-phase network.

Thanks to the solutions used, the ProTIG 225P AC/DC also enables advanced TIG AC and TIG DC welding with a choice of arc ignition HF or Lift method. The machine is equipped with a pulse welding function, which makes the machine perfect for welding very thin sheets and aluminum.

ProTIG 225P AC/DC has functions supporting the welding process in TIG method:

- **output AC waveforms:** square, sinusoidal, triangular,
- **2T/4T** Trigger Control,
- **AC balance, AC frequency, pulse frequency, pulse width and pulse amps adjustment,**
- **up slope** and **down slope** adjustment,
- **SPOT** welding.

ProTIG 225P AC/DC enables MMA AC and MMA DC welding. The process of joining metals in this method is additionally supported by functions such as:

- Arc Force
- Hot Start.

Additionally the machine has 10 memory channels. The user can easily save and recall the most used settings.

Modern design, light weight and LCD function in combination with high-class components makes the ProTIG 225P AC/DC stand out on the market.

The professional machine of the SPARTUS® Pro line is perfect suited to the production sector and industry.

## Technical details

Input	~1× 230V ± 10% 50 / 60 Hz
TIG welding current	10 - 200A
TIG duty cycle	60%
Gas pre flow	0.1 - 2s
Gas post flow	0 - 10s
Up slope	0 - 10s
Down slope	0 - 10s
TIG Pulse	yes
Pulse Amps	10 - 200A
Pulse Width	5 - 95%
Pulse frequency	0.5 - 999Hz
AC frequency	50 - 250Hz
AC wave forms	square, sinusoidal, triangular
AC balance	10 - 99%
2T/4T Control	yes
Arc ignition	HF
Control options	control in torch UP&DOWN, control in the handle potentiometer
MMA welding current	10 - 200A
Arc Force	yes
Hot Start	yes
No-load voltage	66V
Current consumpition	AC: TIG 20.4 / MMA 29.1 DC: TIG 21.5 / MMA 30.8
Power factor (cosφ)	0.99
Efficiency η	80%
Insulation class	H
Protection class	IP21S
Weight	16kg
Dimensions	605 x 215 x 410mm
Control plug	9SPA - SPARTUS®