



product code: **PROTIG321PACDC-SOURCE**
product ean: **5900391012420**

Package equipped:

- ProTIG 321P AC/DC
- User's manual



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

Product variants

Index	Price
ProTIG 321P AC/DC source PROTIG321PACDC-SOURCE	€1,443.00 / pc Net price
ProTIG 321P AC/DC package with TIG torch SPP 26 4B X - 4m PROTIG321PACDC-PAK-26-4	€1,718.21 / pc Net price

Product description

MODERN AND EFFICIENT TIG AC/DC WITH PULSE

SPARTUS® ProTIG 321P AC/DC is a inverter welder in a modern edition. It allows TIG AC/DC and MMA AC/DC welding with current up to 320A. The device is powered from a 400V three-phase network.

Thanks to the solutions used, the ProTIG 321P AC/DC also enables advanced TIG AC and TIG DC welding with a choice of arc ignition HF or Lift method. The device is equipped with a pulse welding function, which makes the machine perfect for welding very thin sheets and aluminum.

ProTIG 321P 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 321P 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 device has 10 memory channels. The user can easily save and recall the most used settings.

Modern design, LCD function panel and the possibility of wireless control in combination with high-class components makes the ProTIG 321P AC/DC stand out on the market.

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

Technical details

Input	~3× 400V ± 10% 50 / 60 Hz
TIG welding current	10-320A
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 - 320A
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	LIFT / HF
Control options	control in torch UP&DOWN, wired foot control, control in the handle potentiometer, wireless remote control
MMA welding current	10 - 320A
Arc Force	yes
Hot Start	yes
No-load voltage	61V
Current consumption	AC: TIG 18.7A / MMA 23.5A DC: TIG 19A / MMA 25.4A
Power factor (cosφ)	0.7
Efficiency η	85%
Insulation class	H
Protection class	IP21S
Weight	27.8kg
Dimensions	700 × 260 × 480mm
Control plug	9SPA - SPARTUS®