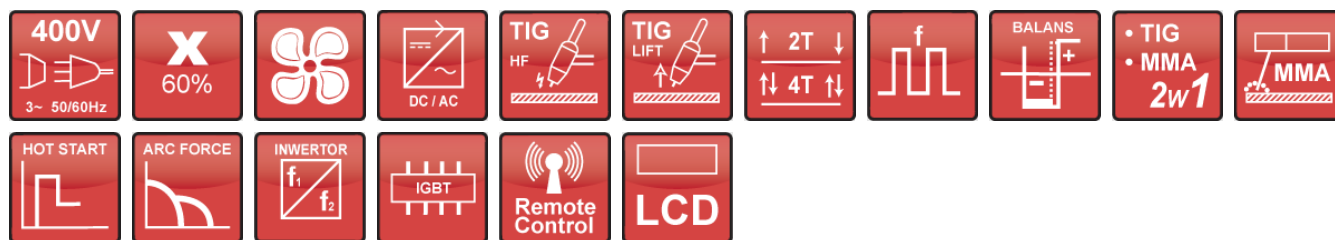


## SPARTUS® ProTIG 321P AC/DC



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**Product code:**

PROTIG321PACDC-SOURCE

Equiped: • Device Spartus® ProTIG 321P AC/DC • User's manual

## SPARTUS® ProTIG 321P AC/DC - PACKAGE 26 4M

**Product code:**

PROTIG321PACDC-PAK-26-4



Package equipped: • Device SPARTUS® ProTIG 321P AC/DC • **TIG torch SPARTUS® SPP 26 4B X 4m** • **TIG toolbox (consumable kit)** • 3m electrode holder • 3m work clamp • Gas hose • User's manual

### 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.

### CONTROL OPTIONS:



Wireless remote controllers for ProTIG  
321P



Wireless foot control



Standard foot pedal

## Technical parameters

<b>Input</b>	~3× 400V ± 10% 50 / 60 Hz
<b>Welding current TIG [A]</b>	10 - 320
<b>Duty cycle TIG [%]</b>	60
<b>Pre-gas [s]</b>	0,1 - 2
<b>Up slope [s]</b>	0 - 10
<b>Down slope [s]</b>	0 - 10
<b>Post-gas [s]</b>	0 - 10
<b>Additional features</b>	pulse, 2T/4T control , Output remote control, Arc Force, Hot Start, MMA welding
<b>Pulse Amps [A]</b>	10 - 320
<b>Base Amps [A]</b>	10 - 320
<b>Pulse Width [%]</b>	5 - 95
<b>Pulse frequency [Hz]</b>	0,5 - 999
<b>AC frequency [Hz]</b>	50 - 250
<b>AC Wave Forms</b>	square, sinusoidal, triangular
<b>AC balance [%]</b>	10 - 99

Contactless pilot arc ignition	Lift /HF
Welding current MMA [A]	10 - 320
Hot Start range [A]	0 - 10
Arc Force range [A]	0 - 10
No-load voltage [V]	61
Current consumption [A]	AC: TIG 18.7 / MMA 23.5   DC: TIG 19 / MMA25.4
Power factor (cosφ)	0,70
Efficiency η [%]	85
Insulation class	H
Protection class	IP21S
Weight [kg]	27.8
Dimensions [mm]	700 x 260 x 480

PRODUCT CATEGORIES: [MACHINES](#), [AC/DC](#), [TIG](#)

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Reference numbers and names belonged to above companies were called due to Property Right Law for buyer's convenience and they are related to code and spare part's description.

The products do not constitute an offer within the meaning of the Civil Code.