



**product code: PROTIG401PWACDC-TOWER**  
**product ean: 5900391248829**

***Package equipped:***

- ProTIG 401P AC/DC
- Cooler
- 4 wheel drive set
- MaxCoolant - cooling liquid 5l
- User's manual



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

## Product variants

### Index

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**ProTIG 401PW AC/DC [source, cooler, driving set]**  
**PROTIG401PWACDC-TOWER**

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**ProTIG 401PW AC/DC [source, cooler, driving set] package with TIG torch SPP 18 4B X - 4m**  
**PROTIG401PWACDC-PAK-18-4**

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## Product description

### STRONG AND FOOLPROOF TIG AC / DC WITH PULSE

**SPARTUS® ProTIG 401P AC/DC** is a inverter welder in a modern edition. It allows TIG AC/DC and MMA AC/DC welding with current up to 400A. The device is powered from a 400V three-phase network. Thanks to the solutions used, the ProTIG 401P 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 401P 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 401P 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.

The ProTIG 401PW AC/DC model is additionally equipped with an integrated liquid cooler, which ensures efficient cooling of the torch during welding with high currents. The whole is placed on a transport cart with space for a shielding gas cylinder.

Modern design, LCD function panel and the possibility of wireless control in combination with high-class components makes the ProTIG 401P 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 - 400A
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 - 400A
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, without HF
Control options	control in torch UP&DOWN, wired foot control, wireless remote control
Water cooler	yes
Tank capacity	5l
MMA welding current	10 - 400
Arc Force	yes
Hot Start	yes
No-load voltage	74V
Current consumpition	AC: TIG 25.1 / MMA 19.4 DC: TIG 25.7 / MMA 32.7
Power factor (cosφ)	0.7
Efficiency η	85%
Insulation class	H
Protection class	IP21S
Weight	78.5kg
Dimensions	1150 x 600 x 1200mm
Control plug	9SPA - SPARTUS®