



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	Price
ProTIG 401PW AC/DC [source, cooler, driving set] PROTIG401PWACDC-TOWER	€2,999.50 / pc Net price
ProTIG 401PW AC/DC [source, cooler, driving set] package with TIG torch SPP 18 4B X - 4m PROTIG401PWACDC-PAK-18-4	€3,311.89 / pc Net price

## 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

<b>Input</b>	<b>~3× 400V ± 10% 50 / 60 Hz</b>
<b>TIG welding current</b>	<b>10 - 400A</b>
<b>TIG duty cycle</b>	<b>60%</b>
<b>Gas pre flow</b>	<b>0.1 - 2s</b>
<b>Gas post flow</b>	<b>0 - 10s</b>
<b>Up slope</b>	<b>0 - 10s</b>
<b>Down slope</b>	<b>0 - 10s</b>
<b>TIG Pulse</b>	<b>yes</b>
<b>Pulse Amps</b>	<b>10 - 400A</b>
<b>Pulse Width</b>	<b>5 - 95%</b>
<b>Pulse frequency</b>	<b>0.5 - 999Hz</b>
<b>AC frequency</b>	<b>50 - 250Hz</b>
<b>AC wave forms</b>	<b>square, sinusoidal, triangular</b>
<b>AC balance</b>	<b>10 - 99%</b>
<b>2T/4T Control</b>	<b>yes</b>
<b>Arc ignition</b>	<b>HF, without HF</b>
<b>Control options</b>	<b>control in torch UP&amp;DOWN, wired foot control, wireless remote control</b>
<b>Water cooler</b>	<b>yes</b>
<b>Tank capacity</b>	<b>5l</b>
<b>MMA welding current</b>	<b>10 - 400</b>
<b>Arc Force</b>	<b>yes</b>
<b>Hot Start</b>	<b>yes</b>
<b>No-load voltage</b>	<b>74V</b>
<b>Current consumption</b>	<b>AC: TIG 25.1 / MMA 19.4 DC: TIG 25.7 / MMA 32.7</b>
<b>Power factor (cosφ)</b>	<b>0.7</b>
<b>Efficiency η</b>	<b>85%</b>
<b>Insulation class</b>	<b>H</b>
<b>Protection class</b>	<b>IP21S</b>
<b>Weight</b>	<b>78.5kg</b>
<b>Dimensions</b>	<b>1150 x 600 x 1200mm</b>
<b>Control plug</b>	<b>9SPA - SPARTUS®</b>