



product code: **PROTIG401PACDC-SOURCE**
product ean: **5900391248812**

Equipped:

- ProTIG 401P AC/DC
- User's manual



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

Product variants

| Index | Price |
|--|------------------------------------|
| ProTIG 401P AC/DC source PROTIG401PACDC-SOURCE | €2,206.03 / pc Net price |
| ProTIG 401P AC/DC package with TIG torch SPP 26 4B X - 4m PROTIG401PACDC-PAK-26-4 | €2,518.72 / 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.

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 | LIFT / HF |
| Control options | control in torch UP&DOWN, wired foot control, wireless remote control |
| MMA welding current | 10 - 400 |
| Arc Force | yes |
| Hot Start | yes |
| No-load voltage | 74V |
| Current consumpion | 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 | 31kg |
| Dimensions | 700 × 260 × 480mm |
| Control plug | 9SPA - SPARTUS® |