



product code: **PROTIG220PACDC-SOURCE**  
 product ean: **5900391012406**

**Equipment:**

- ProTIG 220P AC/DC
- user's manual



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

## Product variants

| Index   | Price                              |
|---|------------------------------------|
| ProTIG 220P AC/DC - source<br>PROTIG220PACDC-SOURCE                                       | <b>€794.25 / pc</b><br>Net price   |
| ProTIG 220P AC/DC package with TIG torch mini SPP 17 4B X - 4m<br>PROTIG220PACDC-PAK-17-4 | <b>€1,027.87 / pc</b><br>Net price |

## Product description

### TINY, LIGHT AND PROFESSIONAL. IDEAL FOR WELDING ALUMINUM AND STAINLESS STEEL

**SPARTUS® ProTIG 220P AC/DC.** Modern, digitally controlled inverter welder, constructed on the basis of IGBTs. Allows welding TIG AC/DC and MMA AC/DC modes. It is powered with single-phase 230V source power.

For right welding methods, the welding current range is between: 5-200 (AC/DC mode). Allows TIG welding with pulse mode, making it an ideal machine for welding stainless and acid resistant steels. TIG AC welding mode, with ability to choose AC waveforms, AC balance and AC frequency, allows you to weld even the most demanding of aluminum alloys.

What impresses: small dimensions, lightweight (only 10,5 kg) and excellent output parameters. It is a machine designed for both the manufacturing sector, as well as maintenance and montage.

Examples of use: industrial, portable repair, workshop, maintenance, constructions.

## Technical details

|                     |                           |
|---------------------|---------------------------|
| Input               | ~1× 230V ± 10% 50 / 60 Hz |
| TIG welding current | 5 - 200A                  |
| TIG duty cycle      | 40%                       |
| Gas pre flow        | 0 - 2s                    |
| Gas post flow       | 0 - 10s                   |
| Up slope            | 0 - 10s                   |
| Down slope          | 0 - 10s                   |

|                             |  |
|-----------------------------|--|
| <b>TIG Pulse</b>            | <b>yes</b>   |
| <b>Pulse Amps</b>           | <b>5 - 200A</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</b>  |
| <b>Control options</b>      | <b>wireless foot pedal, control in torch UP&amp;DOWN, wired foot control, control in the handle potentiometer, wireless remote control</b> |
| <b>MMA welding current</b>  | <b>5 - 200A</b>  |
| <b>Arc Force</b>            | <b>yes</b>   |
| <b>Hot Start</b>            | <b>yes</b>   |
| <b>No-load voltage</b>      | <b>69V</b>   |
| <b>Current consumpition</b> | <b>22A</b>   |
| <b>Power factor (cosφ)</b>  | <b>0.68</b>  |
| <b>Efficiency η</b>         | <b>85%</b>   |
| <b>Insulation class</b>     | <b>H</b>   |
| <b>Protection class</b>     | <b>IP23</b>  |
| <b>Weight</b>               | <b>10.5kg</b>  |
| <b>Dimensions</b>           | <b>480 x 140 x 240mm</b>   |
| <b>Control plug</b>         | <b>9SPA - SPARTUS®</b>   |