

DATA SHEET

Picotig 220 puls DC 5P

090-002068-00502



- TIG DC inverter welding machine, portable, gas-cooled, 5-pole, with PFC module
- High-efficiency current draw thanks to integrated PFC (Power Factor Correction) technology
- TIG DC and TIG pulse
- Non-latched/latched operation
- spotmatic and spotArc®
- MMA, MMA pulse, MMA cel, MMA cel pulse
- Robust housing with impact-resistant plastic cover
- 5-pole, digital welding torch connection with X technology allows users to connect Retox XQ welding torches
- Comfort 3.0 mini control with two easy-to-read 7-segment displays for simple and fast selection of the most important parameters
- Splash-proof in line with IP23
- Temperature- and speed-controlled cooling fan – reduced contamination and less noise emissions as fan only runs when needed
- Generator-compatible, even with long mains leads
- High mains voltage tolerance
- Consumables box in the handle – consumables always safely stored and within reach
- Cable holder for holding mains cable as standard
- Protective cap provided as standard protects the control against water, dirt and impact
- Adjustable hot start current and hot start time
- Adjustable Arcforce
- Antistick function
- Energy-saving thanks to high efficiency and standby function
- 3.5 m mains supply lead with 16 A shock-proof plug
- **Overvoltage protection: No damage to machine caused if inadvertently connected to 400-V mains voltage**

Version	Picotig 220 puls DC 5P
Setting range for welding current	5 A - 220 A
Duty cycle 40 °C	220 A / 40 % 190 A / 60 % 160 A / 100 %
Open circuit voltage	97 V
Mains voltage	1 x 230 V
Tolerances	-40 % up to +15 %
Mains frequency	50 Hz / 60 Hz
Recommended generator power	6.6 kVA
Power consumption Pi	22 W
Protection classification	IP23
Test mark	CE UK EAC S
Dimensions (L x B x H)	454 mm x 165 mm x 321 mm 17.9 inch x 6.5 inch x 12.6 inch
Weight	10 kg / 22.1 lbs
Standards	IEC 60974-1, -3 and -10 CL.A