DATA SHEET

Pico 350 cel puls pws dgs

090-002127-00502



- **Welding procedures and functions**
  - CC/CV characteristic
  - MMA and pulsed TIG welding
  - MMA welding
  - TIG lift arc welding
  - **Degauss – automatic degaussing process before welding:**
  - dependable degaussing for better welding results through stable welding process without magnetic deflection, minimisation of finishing work
  - PF pulse function
  - Cel characteristic
  - Arcforce, hot start, antistick
  - Arcforce and hot start can be set
  - GMAW welding with Pico drive 4L
  - Suitable for flux cored wire welding
- **Your benefits**
  - PRS: Pole reversal on the machine or via remote control saves time-consuming reconnecting of welding current connections
  - Perfect MMA vertical-up welding thanks to PF pulse function
  - Cellulose electrodes: 100% safe for vertical-down welding
  - Unlimited generator operation even with long mains leads thanks to high mains voltage tolerances
  - Robust design suitable for construction site use
  - Impact-resistant casing
  - Connection capability for remote control
  - Inspected protection against splash water
  - Portable, shoulder strap
  - Energy-saving thanks to high efficiency and standby function
  - 5 m mains supply lead
  - **Advantages of degaussing:**
  - No deflection of the arc by residual magnetism in the workpiece
  - Prevention of lack of fusion due to insufficient sidewall fusion
  - Minimisation of finishing work
  - Cost-efficient and high-quality results
- **Included in the delivery ex works:**
  - Practical cable strap for easy and organised transport of e.g. earth cable, welding torch, electrode holder, etc. (see figure 2)
  - Cable holder for winding up the mains cable – guarantees convenient transport (see figure 3)

Version	Pico 350 cel puls pws dgs
Setting range for welding current	10 A - 350 A
Duty cycle 40 °C	350 A / 35 %
	280 A / 60 %
	230 A / 100 %
Open circuit voltage	95 V
Mains voltage (ex works)	3 x 400 V
Mains tolerances (ex works)	-25 % up to +20 %
Mains frequency	50 Hz / 60 Hz
Recommended generator power	20.3 kVA
Efficiency	88 %
Power consumption Pi	28 W
Protection classification	IP34s
Test mark	CE UKCA EAC S
EMC class	A
Dimensions (L x B x H)	539 mm x 210 mm x 415 mm
	21.2 inch x 8.3 inch x 16.3 inch
Weight	25 kg / 55.1 lbs
Standards	IEC 60974-1 and -10 CL.A

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