

# DATA SHEET



## Picomig 225 Synergic TKG

090-005683-00502




- Multiprocess MIG/MAG welding machine, compact, portable, Euro torch connector, with PFC module, for 15 kg D300 spools
- High-efficiency current draw thanks to integrated PFC (Power Factor Correction) technology

### • Welding procedures and functions





- To find out more about our high-tech MIG/MAG arcs, please click on XQ-Process  
- GMAW standard welding
- EWM forceArc characteristics for unalloyed steel
- EWM rootArc characteristics for unalloyed steel
- Characteristics for steel, CrNi, CuSi, aluminium and flux cored wires
- MMA welding and TIG lift arc welding
- Perfect for welding self-shielding flux cored wires
- Infinitely adjustable arc dynamics (choke effect)
- Non-latched/latched operation
- Interval welding
- Adjustable gas pre- and post-flow time

### • Your benefits

-  No need to purchase additional characteristics – all characteristics for this machine type are included in the scope of delivery ex works
- Portable or can be carried on a trolley
- High-precision, powerful EWM eFeed 4-roll wire feed mechanism for secure feeding of all solid and flux cored wires
- High open circuit voltage for excellent ignition characteristics
- Energy-saving thanks to high efficiency and standby function
- Easy, tool-free change of welding polarity
- Insulated wire space
- Delivery includes practical torch holder
- 3.5 m mains supply lead with 16 A shock-proof plug
- Free WPQR package for certification up to and including EXC2 in accordance with EN 1090 and for welding of unalloyed steels up to and including S355
- **Overvoltage protection: No damage to machine caused if inadvertently connected to 400-V mains voltage**

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Version	Picomig 225 Synergic TKG
Setting range for welding current	5 A - 220 A
Duty cycle 40 °C	220 A / 30 % 170 A / 60 % 150 A / 100 %
Open circuit voltage	70 V
Mains voltage (ex works)	1 x 230 V
Mains tolerances (ex works)	-40 % up to +15 %
Mains frequency	50 Hz / 60 Hz
Recommended generator power	8.8 kVA
Efficiency	86 %
Power consumption Pi	15 W
Wire feed speed	1 m/min - 18 m/min 39.37 ipm - 708.662 ipm
Factory-installed roll equipment	0.8 – 0.9 – 1.0 mm UNI / Steel
Spool diameter	D200/D300
Torch connection	Euro torch connector
Protection classification	IP23
Test mark	   
EMC class	A
Dimensions (L x B x H)	636 mm x 298 mm x 482 mm 25 inch x 11.7 inch x 19 inch
Weight	24 kg / 52.9 lbs
Standards	IEC 60974-1, -5 and -10 CL.A