DATA SHEET

Tetrix XQ 230 puls DC Expert 3.0 8P

090-005630-00004



- Modular DC TIG inverter welding machine of the latest generation
- **Welding procedures and functions**
  - TIG DC and TIG pulse
  - activArc® and spotArc®
  - MMA, MMA pulse, MMA cel, MMA cel pulse
  - To find out more about our high-tech TIG arcs, please click on TIG-Process
- **Your benefits**
  - LED status bar indicates the current operating status with colours
  - Provided ex works ready for water block connection – guarantees ultimate flexibility in industry and trade
  - No additional mains connection required for cooling unit. Module power supply via welding machine
  - Robust housing with impact-resistant plastic cover
  - Temperature- and speed-controlled cooling fan – reduced contamination and less noise emissions as fan only runs when needed
  - Splash-proof in line with IP23
  - Generator-compatible, even with long mains leads
  - High mains voltage tolerance
  - Consumables box in the handle – consumables always safely stored and within reach
  - Optional network connectivity with ewm Xnet software via LAN or WiFi gateway
  - 3.5 m mains lead with 16 A earthed plug

Version	Tetrix XQ 230 puls DC Expert 3.0 8POL
Setting range for welding current	3 A - 230 A
Setting range for welding current @ 110 V - 1	3 A - 170 A
Duty cycle 40 °C	230 A / 45 %
	205 A / 60 %
	170 A / 100 %
Duty cycle @ 110 V - 120 V	170 A / 40 %
	150 A / 60 %
	120 A / 100 %
Open circuit voltage	96 V
Mains voltage (ex works)	1 x 230 V
Mains voltage (possible)	1 x 110 V - 120 V
Mains tolerances (ex works)	-40 % up to +15 %
Mains tolerances (ex works) @ 110 V - 120 V	-15 % up to +15 %
Mains frequency	50 Hz / 60 Hz
Recommended generator power	6.9 kVA
Recommended generator power @ 110 V - 12	4.5 kVA
Efficiency	87 %
Power consumption Pi	28 W
Protection classification	IP23
Test mark	CE UKCA EAC S
EMC class	A
Dimensions (L x B x H)	550 mm x 257 mm x 415 mm
	21.7 inch x 10.1 inch x 16.3 inch
Weight	17.5 kg / 38.6 lbs
Standards	IEC 60974-1, -3 and -10 CL.A

Configurations

Item no.	Designation
090-005630-00000	Tetrix XQ 230 puls DC. TIG DC pulse welding machine including all characteristics and functions, modular

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Item no.	Designation
092-004012-00000	OW Expert 3.0. Expert 3.0 control
092-004060-00000	OW 8POL. Welding torch control cable connection: Burndy, 8-pole
092-004284-00000	OW EWM. 3.5 m mains cable including mains plug

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