

# DATA SHEET

## Tetrix 300 DC Smart 2.0 puls 5P TM

090-000244-00502



- Modular DC TIG inverter welding machine, gas- or water-cooled
- **TIG welding**
- activArc – Precise, focussed arc with reduced heat input and deep penetration for optimum root fusion
- Electronic HF start
- TIG lift arc welding
- Features characteristics for EWM activArc and EWM spotArc at no extra charge
- TIG average value pulsing: the preset welding current is maintained at all times, so particularly suitable for welding as per welding procedure specification
- Adjustable pulse frequency and balance
- Non-latched/latched operation
- Reduced secondary current accessible using torch trigger
- Spot welding/tack function (spotArc/spotmatic)
- Adjustable up-slope and down-slope time
- Adjustable gas pre- and post-flow time
- **MMA welding**
- MMA average value pulsing
- Adjustable hot start current and hot start time
- Adjustable Arcforce
- Antistick function
- **Highlights**
- Gas-cooled or optionally water-cooled with cool 40 U31 cooling unit
- Energy-saving thanks to high efficiency and standby function
- Connection capability for remote control and function torch
- Excellent torch cooling, resulting in cost savings on consumables due to high-performance centrifugal pump and 4-litre water tank (cool 41U31 cooling unit)
- Trolley 35.2-2, Trolley 55-5 and Trolley 55-6 trolleys available
- Optional network connectivity with ewm Xnet software via LAN or WiFi gateway
- PC interface for PC300 XQ software

Version	Tetrix 300
Setting range for welding current	5 A - 300 A
Duty cycle 40 °C	300 A / 35 %
	260 A / 60 %
	210 A / 100 %
Open circuit voltage	63 V
Mains voltage	3 x 400 V
Tolerances	-25 % up to +20 %
Mains frequency	50 Hz / 60 Hz
Recommended generator power	15.4 kVA
Protection classification	IP23
Test mark	CE UK 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	20.5 kg / 45.2 lbs
Standards	IEC 60974-1, -3 and -10 CL.A