Tetrix 230 AC/DC Smart 2.0 puls 5P TM

090-000241-00502

- Modular AC/DC TIG inverter welding machine, gas- or water-cooled
- **TIG welding**
- Features characteristics for EWM activArc and EWM spotArc at no extra charge
- Electronic HF start
- TIG lift arc welding without HF
- Adjustable AC waveform, sine, trapezoidal, square current
- Adjustable AC frequency between 50 Hz and 200 Hz
- Adjustable AC balance
- 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
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- 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
- Trolly 35.2-2, Trolly 55-5 and Trolly 55-6 trolleys available
- 3.5 m mains lead with 16 A earthed plug
- **Overvoltage protection: No damage to machine caused if inadvertently connected to 400-V mains voltage**

	TIG	MMA
Setting range for welding current	3 A - 230 A	5 A - 180 A
Duty cycle at ambient t.e	40 °C	
40 %	230 A	180 A
60 %	200 A	150 A
100 %	170 A	120 A
Open circuit voltage	45 V	
Mains frequency	50 Hz / 60 Hz	
Mains fuses (slow-blow)	1 x 16 A	
Mains voltage (tolerances)	1 x 230 V (-40 % - +15 %)	
Max. connected load	5.5 kVA	6 kVA
Recommended generator power	7.4 kVA	8.1 kVA
cos φ	1	
Efficiency	85 %	
Dimensions machine, LxWxH in mm	539 x 210 x 415	
Weight, machine	18.8 kg	
EMC class	A	
Insulation class	H	
Protection class	IP23	

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The content of this document has been prepared and reviewed with all reasonable care.
The information provided is subject to change, errors excepted.

Approvals	S sign , CE sign , EAC sign
Standards	IEC 60974-1, -3 and -10 CL.A

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