

URANOS NX 2200 AC/DC

Equipment for TIG AC and TIG DC welding. Inverter technology.
Single-phase power supply.



HIGHLIGHTS

- » User panel with 3,5" LCD graphic colour display.
- » TIG AC and DC welding with 7 proprietary welding processes by Böhler Welding.
- » Up to 240 personalized programs (jobs).



EQUIPMENT	
Power source	URANOS NX 2200 AC/DC
Cooling unit	WU 1000
Torch - Air Cooled	ST 2200 (Standard - U/D - DigiTig) / ST 2200 FX (Standard - U/D - DigiTig)
Torch - Liquid Cooled	ST 2500 (Standard - U/D - DigiTig) / ST 2500 FX (Standard - U/D - DigiTig) / ST 2500 MP (Standard - U/D - DigiTig) / ST 3000 (Standard - U/D - DigiTig) / ST 3000 FX (Standard - U/D - DigiTig) / ST 3000 MP (Standard - U/D - DigiTig)

WELDING TECHNOLOGIES	
TIG AC Processes	AcDrive / AcPulse / MixAc / EasyArc by Böhler Welding
TIG DC Processes	DcDrive / DcPulse / FastPulse / EasyArc by Böhler Welding
MMA	✓
Personalized programs (jobs)	240
Main TIG functions	Extra Energy / Easy Rounding / Wave Form / Easy Joining / Spot Welding / Pulse Slope

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TECHNICAL FEATURES	
Inverter technology	Inverter greenWave® by Böhler Welding
Communication	CANBUS Digital communication 500 Kbs
Software upgrade	Proprietary software
Validation program	Included
User panel	Colour 3,5" graphic LCD display
Welding parameters display A/V	Digital

TECH DATA			
URANOS NX	2200 AC/DC		
Dimensions	500x190x400mm	Slow blow line fuse	20/30 A
Weight	18.8kg	Open circuit voltage	80Vdc
Power supply (50/60 Hz)	1x230/1x115V±15%	IP protection rate	IP23S
Maximum Input Power	6.4/6.4 kVA	Insulation Class	H
Maximum Input current	27.6/37.2 A	Power supply cable	3x2.5 mm ² - 5 m
Efficiency	80%	cosφ	0.99
Power Factor (P.F.)	1	Adjustment range	3-220 A
Duty cycle TIG - 40 °C	35% - 220A 60% - 170A 100% - 150A	Duty cycle TIG - 25 °C	60% - 220A 100% - 180A
WU	WU 1000		
Dimensions	480x190x180 mm	Power	0.6 kW
Weight	8.8 kg	Cooling liquid	2.0 l
Power supply	48 Vdc	IP protection rate	IP23S
Torches - Air cooled	ST 2200 (all versions)	ST 2200 FX (all versions)	
Duty cycle (AC)	35% 125A	35% 125A	
Diameter	0.5÷4.0 mm	0.5÷4.0 mm	
Cable length	4-8 m	4-8 m	
Torches - Liquid cooled	ST 2500 (all versions)	ST 2500 FX (all versions)	ST 2500 MP (all versions)
Duty cycle (AC)	100% 160A	100% 160A	100% 160A
Diameter	0.5÷4.0 mm	0.5÷4.0 mm	0.5÷4.0 mm
Cable length	4-8 m	4-8 m	4-8 m
	ST 3000 (all versions)	ST 3000 FX (all versions)	ST 3000 MP (all versions)
Duty cycle (AC)	100% 220A	100% 175A	100% 175A
Diameter	0.5÷4.0 mm	0.5÷4.0 mm	0.5÷4.0 mm
Cable length	4-8 m	4-8 m	4-8 m