

URANOS NX 1700 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 1700 AC/DC
Torch - Air Cooled	ST 2200 (Standard - U/D - DigiTig) / ST 2200 FX (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	1700 AC/DC		
Dimensions	500x190x400mm	Slow blow line fuse	16/25 A
Weight	18.8kg	Open circuit voltage	80Vdc
Power supply (50/60 Hz)	1x230/1x115V±15%	IP protection rate	IP23S
Maximum Input Power	5.0/5.0 kVA	Insulation Class	H
Maximum Input current	21.7/33.3 A	Power supply cable	3x2.5 mm ² - 5 m
Efficiency	80%	cosφ	0.99
Power Factor (P.F.)	1	Adjustment range	3-170 A
Duty cycle TIG - 40 °C	35% - 170A 60% - 150A 100% - 130A	Duty cycle TIG - 25 °C	100% - 170A
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	