SAXX-210

ORBITAL WELDING
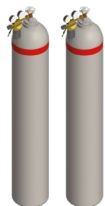
Fully-assured gas management

2 separate gas lines, free choice of inerting gas flow management
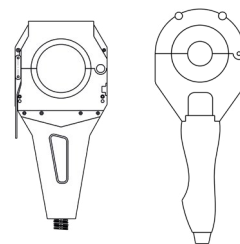
Gas flow control and flow alarms

Display of the actual flow rate right on the screen

Water cooled

Compatible with most closed head on the market

AMI, Polysoude, ESAB, Orbitec and Orbitalum

Integrated printer

Printing program and actual parameters

Interface 5.7 colour touch screen + WiFI

13 languages, possibility of remote control by smartphone or tablet

Remove control display

4 m long cable

USB port on front panel

200 programs per USB key, several keys can be used

- Software: Remote update possible
- Sending and retrieving data through remote access to the SAXX's USB key

Axis for added metal

Possibility of using Step mode

Data acquisition

Records the last 999 welds on the USB key

Integrated WeldReport, data's formatting and presenting of the instructions in the form of DMOS.

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SAXX-210

AXXAIR
INNOVATIVE ORBITAL SOLUTIONS

Technical characteristics:

Duty cycle:

230 V		110 V	
50 %	210 A		
60 %	180 A	60 %	127 A.
100 %	160 A	100 %	110 A.

Power supply:
- Single phase network **with earth**
- Supply voltage: 110 to 230 V +/-15%
- Input current consumed 25A at 230V and 32A at 110V
- Frequency: 50 / 60Hz
- Cable supplied: HO7RN-F 3x2.5 mm² black length 3m

Gas supply:
- Maximum inlet pressure: 5 bars
- Maximum flow rate: 50 l / min per gas line
- Inlet connectors: M12x100 male
- Outlet connectors: female blanking union Series 20

Technology:
- Colour touch screen 5"
- 13 languages
- Up to 16 users with passwords and custom permissions
- Simple and intuitive programming with automatic parameter calculation and programming assistance
- 200 programs in 20 sectors maximum / key

Intelligence:
- Alarms: More than 30 alarms to protect the system and check that welding is normal.
- Welding voltage measured in increments of 0.1 A
- Minimum pulse time of 50 ms (modifiable via "operator dynamics")

Integrated printer:
- 32 characters / line
- Print program and actual parameters

Auxiliary connector:
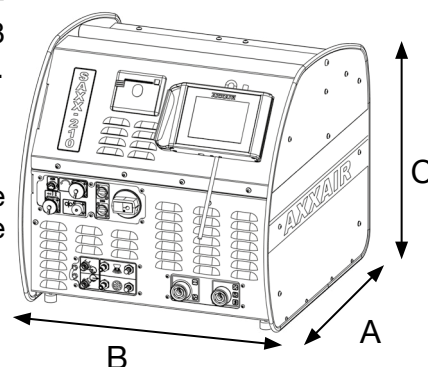- Possibility of triggering the welding start via an oxygen meter (dry contact).

Cooling connector:
- Max pressure: 5 bars
- Cooling power according to standard CEI60974-2: 1.4 kW
- Liquid connectors: female blanking union Series 21

CAUTION: The power source is delivered without coolant. See "Consumables" to order the 3 liter can (SACW-C006).

Wi-fi: (Option)
Remote control of the screen on smartphone or tablet via an application
Range: 20 to 30 m

Product code	Description	Two gas lines	Wire feed	Wifi Antenna	Net weight	Dimensions AxBxC (in mm)
SAXX-210	Orbital TIG welding power source, 210A, autoline, Water cooled	x	x		44 kg	562 x 620 x 545
SAXX-210I		x	x	x	44 kg	

All options must be mounted at AXXAIR.