SAXX-210

AXXAIR
INNOVATIVE ORBITAL SOLUTIONS

Fully-assured gas management

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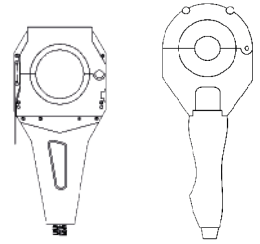
Gas flow control and flow alarms

Display of the actual flow rate right on the screen

Water cooled

Compatible with most closed heads on the market:

AMI, Polysoude, ESAB, Orbitec and Orbitalum

Integral printer:

Printing program and actual parameters

Compatible with AVC/OSC system

Interface 5.7 colour touch screen + WiFI

13 languages, possibility of remote control by smartphone or tablet

Remove control display
4 m long cable

PPM sensor
Capable of managing thresholds and sending an electrical pulse to the power source in order to start the welding. This ensures a consistently and properly purged welding area

Records PPM variation during the weld

Axis for added metal

Possibility of using Step mode

Data acquisition

Records the last 999 welds on the USB stick

Integrated WeldReport (formatting of the data and presenting of the instructions in the form of DMOS)

USB port on front panel

200 programs per USB stick (possible to use several sticks)

Remote update possible

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Join experience

QUALITY MADE IN FRANCE

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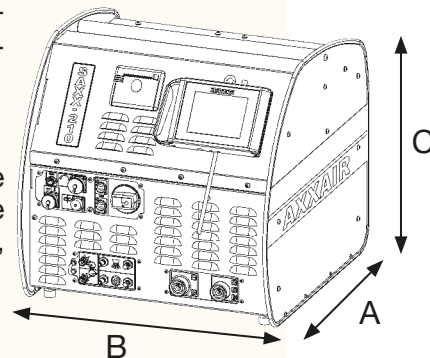- Possibility of triggering the welding start via an oxygen meter (dry contact).

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 application, range: 20 to 30 m

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

All options must be mounted at AXXAIR.

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SAXX-300

AXXAIR
INNOVATIVE ORBITAL SOLUTIONS

Fully-assured gas management

2 separate gas lines, free choice of inerting gas flow management
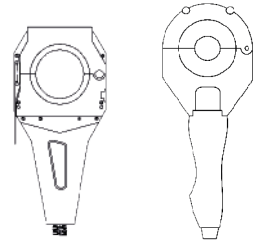
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Display of the actual flow rate right on the screen

Water cooled

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AMI, Polysoude, ESAB, Orbitec and Orbitalum

Interface 5.7 colour touch screen + WiFI (optional)

13 languages, possibility of remote control by smartphone or tablet

Integral printer:

Printing program and actual parameters

Compatible with AVC/OSC system

PPM sensor
Capable of managing thresholds and sending an electrical pulse to the power source in order to start the welding. This ensures a consistently and properly purged welding area

Records PPM variation during the weld

Axis for added metal

Possibility of using Step mode

Data acquisition

Records the last 999 welds on the USB stick

Integrated WeldReport (formatting of the data and presenting of the instructions in the form of DMOS)

Remove control display
4 m long cable

USB port on front panel

200 programs per USB stick (possible to use several sticks)

Remote update possible

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Join experience

QUALITY MADE IN FRANCE

SAXX-300

AXXAIR
INNOVATIVE ORBITAL SOLUTIONS

Technical characteristics:

Duty cycle:

400 V	
30 %	300 A
60 %	240 A
100 %	210 A

Power supply:
- Three phase main with earth
- Supply voltage : 400 V +/-15%
- Maximum current on main : 24A
- Frequency : 50/60Hz
- Cable : HO7RN-F 4x2.5 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:
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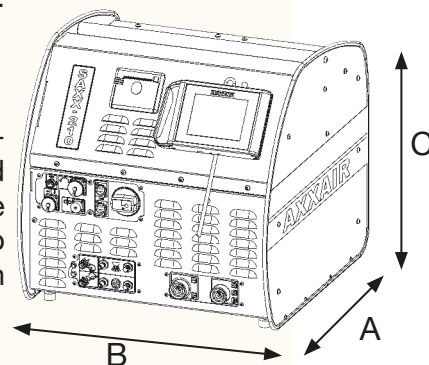- Print program and actual parameters

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Product code	Description	Two gas lines	Wire feed	Wifi Antenna	AVC/OSC axis	Net weight	Dimensions AxBxC (in mm)
SAXX-300	Orbital TIG power source 300A, 380V, water cooled	x	x			44 kg	562 x 620 x 545
SAXX-300I		x	x	x		44 kg	
SAXX-300OSC		x	x		x	44 kg	
SAXX-300IOSC		x	x	x	x	44 kg	

All options must be mounted at AXXAIR.

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