

AXXAIR

INNOVATIVE ORBITAL SOLUTIONS

ORBITAL WELDING POWER SUPPLY SAXX-201



Orbital welding : Welding power supplies

Our AXXAIR orbital power supplies have been specially designed to facilitate the operation and programming of your orbital welding equipment.

Thanks to an intuitive interface, you'll have access to all the functions you need to perform the most demanding welds with ease and consistently. A welding program can be created in just a few steps, simplified by the self-calculating parameter system.

We have paid particular attention to the selection of the technologies used, favoring the use of standard off-the-shelf components wherever possible. This ensures easy access to spare parts, simplifying maintenance of your equipment.



Discover our complete range of power supplies, with their several options:

- **SAXX 200 and SAXX 201:** suitable for welding thin stainless steel tubes
- **SAXX 210 and SAXX 300:** compatible with AVC/OSC systems for welding thick tubes

FLEXIBILITY, PRODUCTIVITY

Our latest touch screen interface make available even the most advanced features in a user friendly and intuitive way.

QUALITY AND REPEATABILITY

A system for classifying programs by welding configuration (diameter, thickness and head model) makes it easy to find the right program for the welding application you're looking for.

PORTABILITY

Our power supply are among the easiest to carry on site or move around the workshop, however if you want to be able to move effortlessly the gas cylinder together with the power supply we designed a very convenient cart on wheels.



Please contact us for all enquiries about orbital welding power supplies.

We will be happy to share our know-how with you and develop the solution that best meets your needs!

NEW !

SAXX-201



Main features

Latest generation, easy-to-use, power supply with simple, intuitive programming and full data acquisition including weld head and internal purge gas monitoring.

Handle and strap for easy transport

Screen protection

Intuitive programming

Automatic parameters calculation and programming assistance

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7" color touch screen
Multilingual menu
3 user's levels (operator, welder and administrator)

Two independent gas lines with flow management (optional)

Welding torch, and optional internal gas flow control

Wire feeder connector (optional)

Compatible with all AXXAIR closed heads and most closed heads on the market (AMI, Polysoude, ESAB, Orbitec, Orbitalum, and MK product)

Remote access

Send and retrieve data via WiFi

-
Remote control via WiFi with smartphone, tablet

or
wired remote pendant (accessory optionally available)



Integrated printer

Printing programs and actual parameters

Data acquisition on USB key

Record welding programs and users profiles

-
The system monitors and saves welding parameters each second

-
Data can be viewed directly on the screen or via the supplied "WeldData" software, which can be converted to DMOS/QMOS format.

Detachable water cooling unit

Cooling capacity 700W, flow mini alarm

Can be separated **without tools** and makes the power supply extremely portable



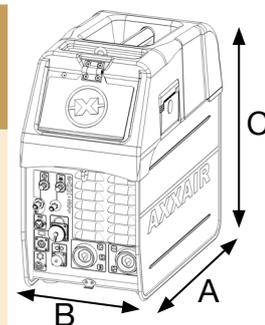
Technical characteristics

Description	Orbital TIG welding power supply, 200A, autoline
Welding current type	DC
Supply voltage	Single phase main with earth 110 to 230 V+/- 15% 50/60Hz
Duty cycle	200A / 25% at 230V 140A / 35% at 110 V 115A / 100% at 230V 100A / 100% at 110V
IP standard	IP21
Data acquisition	USB key
Alarms	Arc voltage sensors, gas flow sensors, cooling liquid sensors, inverter operation alarm, motorizations alarm (machine and wire feeder)
Screen size	7"
Languages	French, English, German, Spanish, Italian, Russian, Chinese, Korean, Japanese, Turkish, Dutch, Polish, Portuguese, Slovak and Hungarian
Industry 4.0 connections	Ethernet port / Wifi



You can configure your SAXX-201 power supply with **the options you need:**

Product code	Cooled	Gas line	Wifi	Options		Net weight	Dimensions AxBxC
				Second gas line	Wire feed		
SAXX-201I	AIR	•	•			21 kg 46.3 lbs	468 mm x 249 mm x 482 mm 18.4" x 9.7" x 19"
SAXX-201IW	AIR	•	•		•	21 kg 46.3 lbs	
SAXX-201DGI	AIR	•	•	•		21 kg 46.3 lbs	
SAXX-201DGIW	AIR	•	•	•	•	21 kg 46.3 lbs	
SCOOOL-700	Water cooler (700W)	Essential to the use of all water cooled machines. Compatible with all SAXX models listed above.				8 kg 17.6 lbs	468 mm x 249 mm x 146 mm 18.4" x 9.7" x 5.7"



Accessories optionally available (see complete catalog)

- **Wired remote pendant**
- **Cart on wheels with gas cylinder attachment**
- **Gas splitter pipe** allowing to connect 1 cylinder for torch and backgas monitoring
- **Switchbox** to use 2 weld heads with one power supply
- **Manual TIG torch**
- **Wire feeder**
- **Adapter kit** to connect competitors' weld heads



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