Bioreset® Smart

SIMPLE, SMALL, COST-EFFECTIVE

The smallest and most cost effective V-PHP generator on the market.

The system can be placed directly inside the environment under treatment. To easily move it in different areas, it can be equipped with a trolley that includes a balance. It works on stand-alone mode or can be managed through a remote connection via ModBus TCP/IP.

FEATURES

- Ergonomic Italian design for maximum operator comfort
- Integrated 7" colour touch panel, simple and intuitive
- Operating stand-alone
- Communication via Ethernet connection (ModBus TCP/IP) for remote control
- Software with two account levels, recipes and reports storage
- Adjustable blower up to 200 m³/h
- Reports exported in pdf format via USB port

TYPICAL APPLICATIONS

- **Clean room for sterile production**
- **BSL-3 Laboratory**

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Bioreset Smart

OPERATIONS

- Set-up the Bioreset Smart inside the area or the application to be decontaminated
- Turn off air conditioning / HVAC system
- Secure area with warning signs for personal safety
- Start the recipe on Bioreset Smart and leave it inside the area until the cycle automatically ends
- Aerate the room/application using the air conditioning / HVAC system
- For personnel safety, upon cycle end check H_2O_2 gas residue before anybody can enter the room
- Remote control allows to start and stop the Bioreset Smart and to receive alarm signals for different failures.
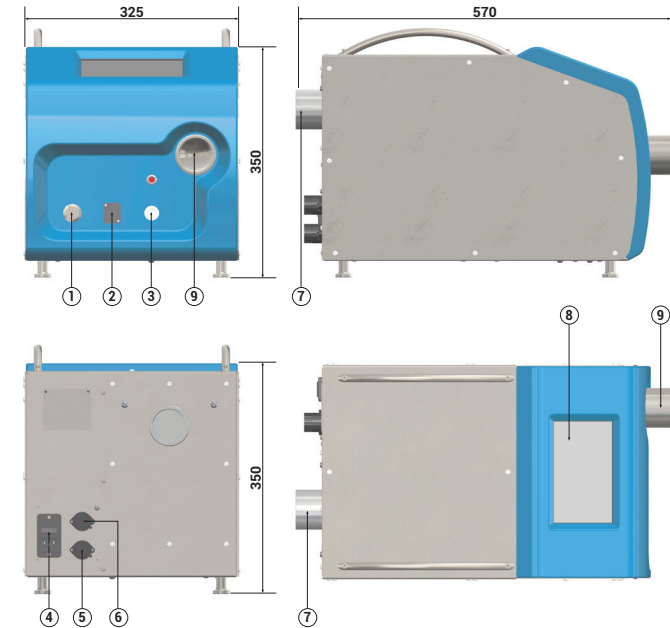
OPTIONAL ACCESSORIES

- Catalyst for exhaust or return air
- Special pipe dimensions on request
- Safety devices for personnel
- Cables for remote connection
- T/RH% probe package for automatic cycle
- Movable trolley with built-in balance and safety support for H_2O_2 bottles of 1 and 5 litres
- Turboflow, a versatile system for ultra-fast H_2O_2 distribution

Technical data

Max treatable volume*	Up to 500 m³
Nominal blower airflow	Up to 200 m³/h, adjustable
T/RH% probe	Optional 0% … 100% RH – step 0,1% -40°C … +60°C – step 0,1°C
Balance	Optional on trolley 0 g … 10.000 g – step 1 g
Peristaltic pump	Integrated 3 … 12 g/min – step 0,5
Remote control	PC or PLC
Communication protocol	ModBus TCP/IP
Ø in / out connection	60 mm or tri-clamp 2"1/2
Materials	Stainless steel AISI 316 and ABS
Power supply	230V / 50Hz or 110V / 60Hz
Max consumption	1 kW
Dimensions (L x P x H)	325 x 570 x 350 mm
Weight	24 kg
Dimensions with trolley (L x P x H)	485 x 700 x 1.200 mm
Weight with trolley	74 kg

* clean, dry, sealed enclosures

325 · 350 · 570 · 350

Legenda

1 USB interface
2 Ethernet interface
3 H_2O_2 inlet
4 Power supply
5 Balance interface
6 T/RH% probe
7 Air oulet
8 Touch panel
9 Air inlet

AMIRA Srl   Via Vecchia Milanese 12   20844 Triuggio (MB), Italy   Tel. +39 0362 528178   info@amirasrl.com   www.amirasrl.com

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