CELEBRATING 20 YEARS ANNIVERSARY 2002 2022

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20 YEARS OF QUALITY INDOOR AIR SERVICES

Bioreset® Plus

FLEXIBLE, STRONG, EFFICENT.

Suitable for biodecontamination of volumes up to 500 m³, Bioreset Plus is the most flexible and complete vapor-phase hydrogen peroxide generator.

SINGLE USER INTERFACE, INFINITE CONNECTION MODES

Bioreset generator is equipped with proprietary software, removable tablet and Wi-Fi signal generation module.

The access to Bioreset software is done remotely in different ways:

- by connecting on board tablet or any other device via cable to the machine
- via Wi-Fi network when close to the machine
- with the machine connected to the corporate network, from any device connected to the same LAN

The operator then has a single user interface that can be accessed from any device via direct connection, Wi-Fi or via a corporate network connection.

Since Bioreset software resides on the generator, the operator can choose to stay connected during all phases of the biodecontamination cycle or connect to start the cycle and reconnect later to monitor its progress.

Proximity to a machine also allows the operator to manage other Bioreset Plus generators located within the Wi-Fi network via the **mesh function**.

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OPERATIONS WITH GENERATOR POSITIONED OUTSIDE THE APPLICATION

Bioreset Plus can be used either inside or outside the environment to be decontaminated and it is easy to move with its pivoting wheels.

- Set-up the generator outside the application and connect it to the feed-through port
- Secure area with warning signs for personal safety
- Access the software via tablet, mobile phone or PC
- Select and start the recipe and leave Bioreset Plus running for the entire duration of the cycle
- The generator controls and stores relevant cycle parameters of biodecontamination cycle
- The cycle can be managed and monitored remotely via tablet, mobile phone or PC
- At the end of the cycle, the report can be viewed on the device used to manage the generator
- For personnel safety, upon cycle end check H_2O_2 gas residue before anybody can enter the room.

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TYPICAL APPLICATIONS

- **Cleanroom for sterile production**
- **Isolator for sterility test**
- **Pass box**

FEATURES

- Ergonomic Italian design for maximum operator comfort
- Tablet Wi-Fi on board
- Remote operation with any device
- ModBus TCP/IP communication protocol
- Software with several account levels able to store recipes and reports
- T/RH% probe already integrated for a completely automatic cycle
- DOP-testable HEPA filter H14 integrated on the unit
- Built-in balance with safety support for H_2O_2 canister
- Precision peristaltic pump
- Adjustable blower up to 200 m^3/h
- Different ways to export reports: via USB, via FTP on the same device used to control the machine or on any remote server, on paper if sent to FTP printer

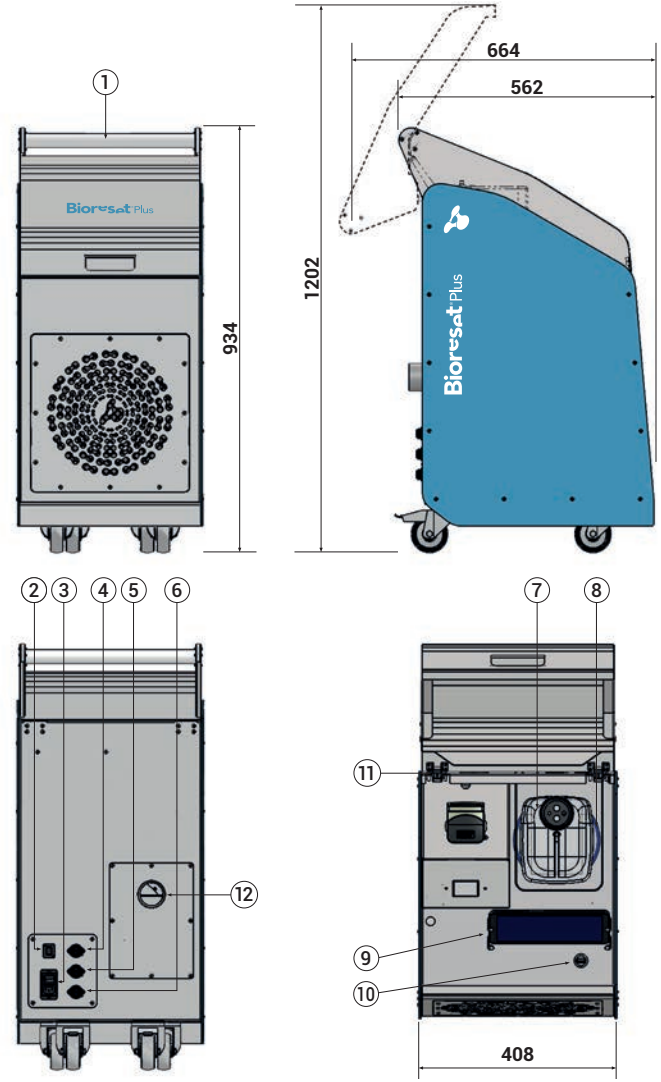
OPTIONAL ACCESSORIES

- PPM probe to check H_2O_2 concentration during the cycle
- Catalyzer for exhaust or return air with internal blower on request
- Special pipe dimensions on request
- Safety devices for personnel safety
- Software compliance with **FDA 21 CFR Part 11** regulation
- Turboflow, a versatile system for ultra-fast H_2O_2 distribution

Technical data

Max treatable volume*	Up to 500 m^3
Nominal blower airflow	Up to 200 m^3/h, adjustable
HEPA Filter H14	Integrated 99,995% MPPS
T/RH% probe	Integrated 0% ... 100% RH – step 0,1% -40°C ... +60°C – step 0,1°C
Balance	Integrated 0 g ... 10.000 g – step 0,1 g
Peristaltic pump	Integrated 1,5 ... 12 g/min – step
PPM probe	Optional 0 ... 2.000 PPM
Remote control	Any device via VNC sw application
Communication protocol	ModBus TCP/IP
Software	Optional Compliance to FDA 21 CFR Part 11 regulation
Back-up FTP	Up to 4 different devices
Print report FTP	Up to 4 different printers
Ø out connection	60 mm or tri-clamp 2"1/2
Materials	Stainless steel AISI 316 and ABS
Power supply	230V / 50Hz - 110V / 60Hz
Max consumption	1,5 kW
Dimensions (L x W x H)	408 x 562 x 934 mm
Weight	46 kg

* clean, dry, sealed enclosures



Legenda

1 Led machine on / cycle in progress
2 Ethernet interface
3 Power supply
4 External connection interface
5 PPM probe connector
6 T/RH% probe connector
7 H_2O_2 canister
8 Balance
9 Tablet housing
10 USB interface
11 Inlet 35% liquid H_2O_2
12 V-PHP outlet

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