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.

FEATURES

- Ergonomic Italian design for maximum operator comfort
- Communication via Ethernet connection (ModBus TCP/IP) for remote control
- Integrated 10″ colour touch panel, simple and intuitive
- 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 bottles
- Precision peristaltic pump
- Adjustable blower up to 200 m³/h
- Reports exported in pdf format via USB port or printed on remote device

TYPICAL APPLICATIONS

- **Clean room for sterile production**
- **Isolator for sterility test**
- **Pass box**

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ISO 9001

OPERATIONS WITH GENERATOR POSITIONED OUTSIDE THE APPLICATION

- Set-up Bioreset Plus outside the application and connect it to the feed-through port
- Turn off air conditioning / HVAC system
- Secure area with warning signs for personal safety
- Start the recipe on Bioreset Plus
- The instrument controls and stores relevant cycle parameters of biodecontamination cycle
- 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.

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 m³
Nominal blower airflow	Up to 200 m³/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 1 g
Peristaltic pump	Integrated 1,5 … 12 g/min – step 0,5
PPM probe	Optional 0 … 2.000 PPM
Remote control	PC or PLC
Communication protocol	ModBus TCP/IP
Software 21 CFR	Optional Compliance to FDA 21 CFR Part 11 regulation
Back-up FTP	Up to 4 different computers
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 or 110V / 60Hz
Max consumption	1 kW
Dimensions (L x P x H)	410 x 760 x 1040 mm
Weight	65 kg

* clean, dry, sealed enclosures

Legenda
1. H_2O_2 PPM Probe
2. Connectors for T/RH% and PPM probes
3. USB Interface
4. Ethernet interface
5. Power supply
6. Air outlet
7. Touch panel
8. HEPA filter
9. Air inlet

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