

FLEXIBLE, STRONG, EFFICIENT

Suitable for biodecontamination of volumes up to 500 m³, Bioretat 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 H₂O₂ 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



OPERATIONS WITH GENERATOR POSITIONED OUTSIDE THE APPLICATION

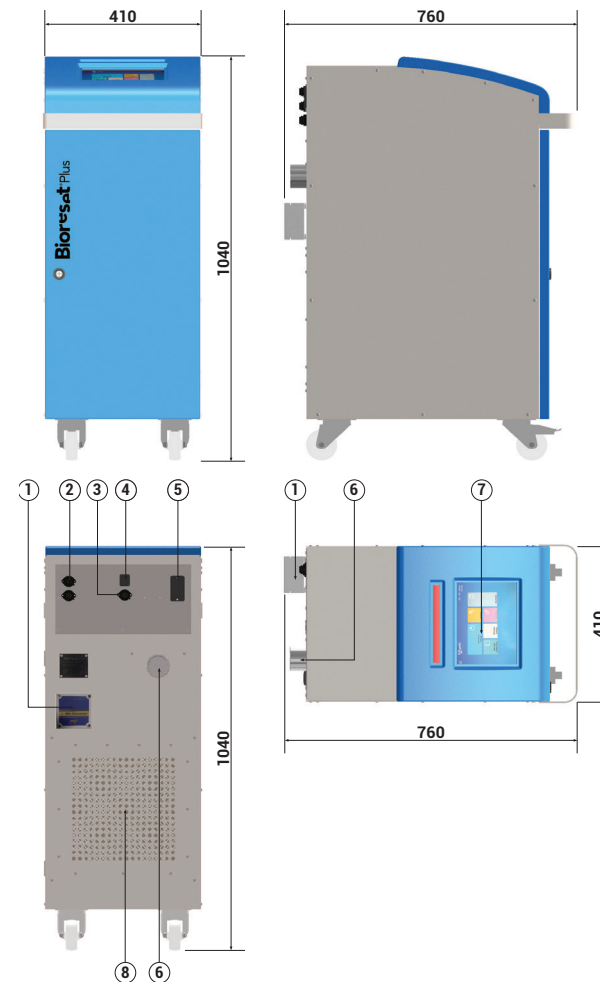
- Set-up Bioreset Plus outside the application and connect it to the feed-through port
- Turn off air conditioning / HVAC system
- Secure area with warning signs for personal safety
- Start the recipe on Bioreset Plus
- The instrument controls and stores relevant cycle parameters of biodecontamination cycle
- Aerate the room/application using the air conditioning / HVAC system
- For personnel safety, upon cycle end check H₂O₂ gas residue before anybody can enter the room.

OPTIONAL ACCESSORIES

- PPM probe to check H₂O₂ 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 H₂O₂ 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 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 H₂O₂ 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