



Bioretat® Smart

SIMPLE, SMALL, COST-EFFECTIVE.

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



SINGLE USER INTERFACE, INFINITE CONNECTION MODES

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

The access to Bioretat 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 Bioretat 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.

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 two account levels able to store recipes and reports
- Vaporization capacity from 3 to 12 gr/min
- Adjustable blower up to 200 m³/h
- Reports exported in pdf format via USB port



TYPICAL APPLICATIONS

- Cleanroom for sterile production
- BSL-3 Laboratory



OPERATIONS

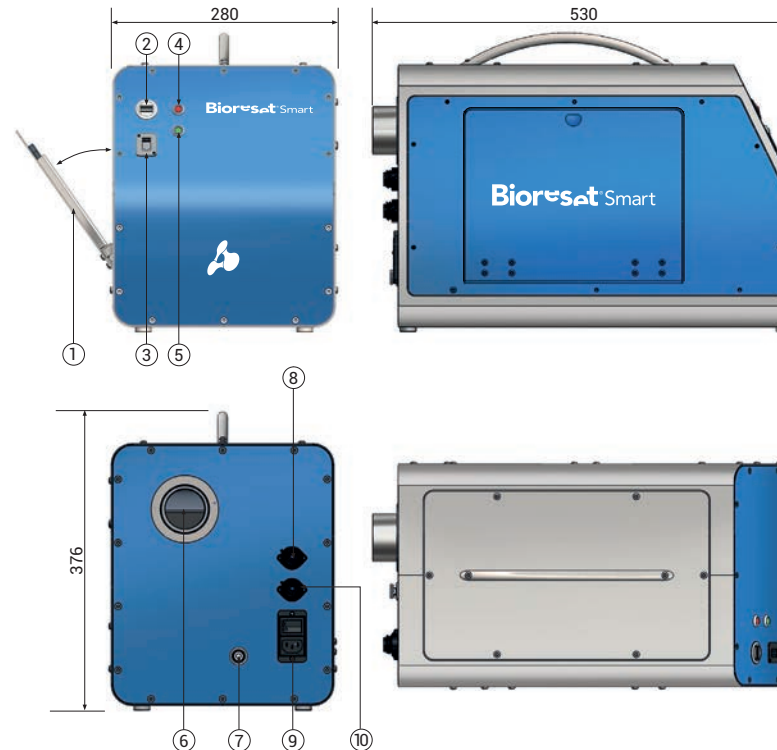
Bioreset Smart can be placed directly inside the environment under treatment. To easily move it in different areas, it can be equipped with a trolley that includes a balance.

- Set-up the generator inside the area or the application to be decontaminated
- 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 Smart running for the entire duration of the 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 exported via USB
- For personnel safety, upon cycle end check H₂O₂ gas residue before anybody can enter the room.

ACCESSORI OPZIONALI

- Catalyst for exhaust or return air
- Special pipe dimensions on request
- Safety devices for personnel
- T/RH% probe package for automatic cycle
- Movable trolley with built-in balance and safety support for H₂O₂ canister
- 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
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 0,1 g
Peristaltic pump	Integrated 3 ... 12 g/min – step 0,5
Remote control	Any device via VNC sw application
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 o 110V / 60Hz
Max consumption	1 kW
Dimensions (L x W x H)	280 x 530 x 376 mm
Weight	19 kg
Dimensions with trolley (L x W x H)	490 x 530 x 1.230 mm
Weight with trolley	65 kg



Legenda

- 1 Tablet housing
- 2 USB interface
- 3 Ethernet interface
- 4 Led cycle in progress
- 5 Led machine on
- 6 V-PHP outlet
- 7 Inlet 35% liquid H₂O₂
- 8 T/RH% probe interface
- 9 Power supply
- 10 Balance interface

* clean, dry, sealed enclosures

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