



PiBi VHP PASS BOX H₂O₂

Pass box with VHP (Vaporized Hydrogen Peroxide) biodecontamination system is suitable to decontaminate thermolabile products.



PiBi VHP is entirely manufactured in stainless steel AISI 316L, with roughness degree Ra<0,6, and materials compatible with vaporized hydrogen peroxide.

Material biodecontamination is ensured by a VHP generator or by Hydrogen Peroxide Microcondensation (Aerosol) decontamination system.



FEATURES OF OUR HYDROGEN PEROXIDE DECONTAMINATION SYSTEM

- Ease and safety of use.
- Validated and eco-friendly process (process residues are practically only water and oxygen)
- Dual decontamination system (dual use):
- Quantitative system based on the composition of a recipe, i.e. on the selection of a quantity of hydrogen peroxide that is injected into the chamber in the form of steam, in a predetermined time.
- Qualitative system based on controlling the concentration of hydrogen peroxide in the chamber by means of an additional high concentration sensor.
- CFR 21 Annex 1 compliance.
- Automatic leak detention of the chamber.
- VHP residue removal efficiency ≤1PPM.

OPTIONS AND CUSTOMISATION SPECIAL ARRANGEMENTS

- Development of specific decontamination cycles.
- Customised realisations in accordance with customer's layout.
- Trolley for load and download
- Pass box PiBi is available also in STERIDRAY version, with Hydrogen Peroxide Microcondensation (Aerosol) decontamination system.

PiBi VHP - TECHNICAL FEATURES

Model	Internal dimensions WxDxH (mm)
PiBi VHP 1000	1000 x 1000 x 1000
PiBi VHP 2000 Bridge	1000 x 1000 x 2000