



EASY DECON

PASS THROUGH CHAMBER

IWT's innovative Space Saver concept
for your routine decontamination, featuring:

- Cutting Edge Pitless design - so easy to install!
- Built-in H₂O₂ vapour generator
- Self contained unit with catalyst filter - no need for exhaust duct
- 6 log reduction guaranteed and validatable



DECONTAMINATION

iwt
a **TECNIPLAST** company

1/Innovative, Compact Design

We have developed the EASYDECON specifically to meet the growing demand for routine vaporized hydrogen peroxide decontamination of sundry items within facilities, squeezing the overall footprint to help you reduce the area allocated to decontamination activities and thus cut overall facility cost per square meter/foot. The **reduced footprint** in no way impacts the useable dimensions of the chamber itself - it simply makes for more effective use of the floor space within the facility. The EASYDECON takes up just 4 square meters (43 square feet) of working space without any extra room required for accessories and technical area. The unit is fully serviceable from the inside of the chamber, so can easily fit into tight areas like corridors and between walls. **With its specially designed floor, the EASYDECON can be installed without any pit or ramp - straight on to an existing floor of any facility.**

2/Turnkey Solution

This is an all-inclusive, single vendor solution where IWT retains total ownership from design all the way through to completion of the project - the end user does not need to provide any infrastructure (no pit no ducting), just basic utilities (power and compressed air). A H₂O₂ vapour generator may be built into the EASYDECON making the chamber self sufficient and dispensing with any external decontamination accessory. This solution facilitates the preparation of the machine minimizing labour for set-up and doing away with the extra space required for the mobile units (which, however, can always be used). In addition to the built-in H₂O₂ generator, the EASYDECON features a double ceiling-mounted catalyst system to break down H₂O₂ into safe by-products thus eliminating the need for any connection to external ductwork. **The built-in H₂O₂ generator combined with catalyst filters makes the EASYDECON a completely independent solution with the associated benefit of limited installation and operating costs.**

3/Energy Saving

The EASYDECON features a single stirring fan to favour the distribution of the H₂O₂ vapour within the chamber and a double fan system for aeration. The double fan system on the aeration unit guarantees a redundancy that enhances the performance and prevents cycle interruption due to failure during the aeration stage of the cycle. All the fans are low voltage and low power rated, while the glass door cuts out any need for lamps with the resulting benefit of **reduced energy consumption per cycle (<1kWh).**

4/Expertise & Support You Can Count On

Performances of the EASYDECON were assessed and then validated by means of commercially available BIs (Biological Indicators) purposely designed to challenge the decontamination process. Spores of *Geobacillus Stearothermophilus* are the referenced BIs for such tasks, and the only acceptable result was a 6 log reduction after the incubation period - practically total killing. During rigorous tests the EASYDECON showed that it could **guarantee the repeatability of the results over time, making the system easily validatable** for the peace of mind of the end user. This efficacy and efficiency is duly documented through comprehensive test protocols and reports available on request. With our technologies and know-how, our team of experts will be happy to provide you with consultancy and support for decontamination cycle development and on-site validation. A professional approach that guarantees long term performance, safeguards your capital investment, shrinks running costs and guarantees a truly validated and efficient process.

5/Safe, Simple, Reliable

The EASYDECON is microprocessor controlled for **maximum safety of operations** and constant monitoring of the critical working parameters with relevant alarm notification (Whilst everything has been done to assure the total safety of the system, it should be noted that the employer remains accountable for operator health and safety). The graphic multicolour HMI interface assures user friendliness with its comprehensive easy-to-surf menu. The full glass door allows perfect lighting inside the chamber with no need for internal lamps (power saving) and enhancing the visibility throughout the unit. Test points next to the doors provide easy low gas concentration sampling while active inflatable gaskets provide perfect sealing of the chamber and interlocking doors safeguard the barrier separation. The unit is fitted with internal E-Stops for internal door opening. All these features go to show IWT's great **attention to detail and thoughtful consideration of our customers' valued feedback.**



DECONTAMINATION

Easy Decon: Pass Through Chamber

Innovative, Compact Design

1



Turnkey Solution

2



Energy Saving

3



TECHNICAL SHEET

Footprint (L x W x H)

2500 x 1600 x 2700 mm • 98"27/64 x 62"63/64 x 106"19/64 inch

Usable dimensions (W x L x H)

2300 x 1200 x 2090 mm • 90"35/64 x 47"15/4 x 82"9/32 inch

Max load allowed

1000 Kg • 2205 pounds

Compressed air supply

1/2" Gas - Dynamic pressure: 6 Bar • 87 PSI

Electrical power supply

230 VAC / 50 Hz - single phase + n • 115 VAC / 60 Hz - single phase + n

Safe, Simple, Reliable

5



Expertise & Support You Can Count On

4



Options

- Built-in hydrogen peroxide vapour generator (9ALPTCEZBIG).
- Ceiling-mounted catalyst system (9ALPTCEZFIL).
- Board mounted printer (9LASTEZRNT).
- Integration kit for mobile hydrogen peroxide vapour generators (9LASTEZRKC).
- Real view TM dedicated monitoring hardware / software set-up to relay relevant cycle data to the customer's PC, inclusive of self-diagnostic facility (9VIEW2EZDL).

ACCESSORIES

- Presentation rack to accommodate goods for decontamination (ACCATMDL01).
- Shelves for presentation rack (ACCATMDL01R).
- Portable detector for low gas concentration sampling (9ALPTCPGD).

Related Products

To maximise operational efficiency and learn more about these products contact your local representative.



Logistic trolleys offer safety and ergonomic features that enable high load-density for moving cages and bottles, crates, pallets and covers.



BDS+ Bedding Dispensing System. Compact, stand alone clean Bedding Dispensing System. Suitable for dosing of all kinds of free flowing bedding materials combining an efficient operator protection from allergens.



650 Series Cage washer. Compact, flexible and energy efficient solution for cage and bottle processing, combining high throughput and proven washing and disinfection performances.



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