

Изоляторы быстрого газовыделения

Технические характеристики

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Rapid Gassing Isolator

BESPOKE MEDICATION PREPARATION
AND HANDLING SYSTEM



Clean Air & Containment

Rapid transfer chamber sterilisation in less than 30 minutes

For hospital pharmacies, research laboratories and pharmaceutical companies, there has never been a greater need to provide a closed, localised 'clean environment' to protect users and product when delivering new and novel drug treatments.

Add in the challenge of handling high potent compounds and ever more rigorous compliance standards, and safe and clean preparation is more critical than ever.

Envair Technology's rapid gassing isolator is designed to meet the challenge of sterilisation of components within a transfer hatch, designed and configured to deliver a validated automated rapid gas cycle. Integrated gassing technology provides a greater level of quality (microbiological) assurance during the transfer process. It also facilitates the disinfection of the entire isolator when required.

Using a flexible modular approach, units can be easily customised to suit your application, including cytotoxic dispensing, CIVAS, sterility testing and cell therapy. Your process benefits from high availability and productivity, as the microbiological decontamination process can take less than thirty minutes, dependent on load.



4 Glove rapid gassing isolator

KEY FEATURES

- Configurable to operate in either positive or negative pressure mode
- Available in two or four glove models
- Rapid microbiological decontamination cycle of less than 30 minutes depending on load
- Integrated VHP generator
- Automated operation
- Optional CCTV available

Rapid Gassing Isolator

BESPOKE MEDICATION PREPARATION AND HANDLING SYSTEM



ENVAIR
TECHNOLOGY

Clean Air & Containment

SPECIFICATIONS & OPTIONS

Main chamber	• White polyester coated stainless steel - (optional 316L stainless steel polished) • Unidirectional airflow (vertically downwards) - 0.4 m/s +/- 20% • Downflow air change rate indicative 2000 air changes per hour • Polished 316L stainless steel removable dished worktray • Optional rails and racking system
Transfer devices	• Modular approach • Independently ventilated • D type double HEPA filtered transfer chambers with adjustable interlocks footswitches for inner doors, and sliding trays • High air change rate indicative 2000 air changes per hour • Sealing lids for actuated automatic pressure decay leak test • White polyester coated stainless steel internally and externally
Access	• Inflatable seals on all apertures ensure microbiological integrity and failsafe working • Large opening acrylic visor, supported by gas springs in the open position, complete with bonded 300mm diameter sleeve ports - (optional elliptical ports or other port diameters upon request) • Fabric lined polypropylene sleeves, safe change cuff-rings and all associated O-rings for the Envair 'safer aseptic glove change' when used with sterile-wrapped, beaded, powder-free gloves
Controls and electrics	• PLC control system with full colour 150mm² Siemens TP700 comfort touchscreen display • All critical operating parameters are constantly displayed on the isolator display for immediate operator viewing • Internal pressure, downflow velocity and air change rate are shown numerically with colour coded fault conditions • Automatic pressure decay test

STANDARDS COMPLIANCE

BS EN ISO 14644, EU GMP, BS EN 1822 (HEPA FILTERS), IEC 61010-1:2010 (ELECTRIC WIRING)
'PHARMACEUTICAL ISOLATORS' PHARMACEUTICALPRESS 2004
AS 4273:1999 (WHEN OPTIONAL ACTIVATED CARBON FILTER IS FITTED)

QUALITY STATEMENT

Envair Technology provides world class design and manufacturing expertise for a full portfolio of clean room and containment solutions. We work with healthcare, pharmaceutical and laboratory facilities around the world, to protect the safety of teams handling hazardous compounds and maintain product integrity. Our engineers and production team are committed to the highest standards of excellence, meeting the requirements of ISO 9001:2015. We provide a comprehensive maintenance, testing and parts service for all our products, to ensure a lifetime of trouble-free use.

Rapid Gassing Isolator

BESPOKE MEDICATION PREPARATION
AND HANDLING SYSTEM



ENVAIR
TECHNOLOGY

Clean Air & Containment



Integrated gassing technology for greater quality assurance



Siemens screen



Fully validated



Available in two and four glove models



Inflated door seal



Optional sockets



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