

ISOMATE

Positive & Negative Pressure Isolators



LABORATORY EXCELLENCE, MADE IN ITALY

More than 40 years of experience and innovation

The ability to provide a **physically separate environment from the laboratory** in which to carry out various types of processes makes isolators the preferred solution for a variety of settings: small and medium-sized laboratories, pharmaceutical production, pharmacy departments in hospitals.

The isolators allow to **meet GMP production requirements** without the need to provide a Class B clean room, reducing both initial investment and running costs.

100% Made in Italy

From design to production to maintenance, we are internationally recognised for our high standards of quality and innovation.

Safety is the foundation of every project, where we turn our customers' needs into solutions that meet their requirements.

The constant presence of our in-house specialist teams guarantees **support every step of the way**.

The BioAir isolator range covers many application scenarios, such as the preparation of drugs in hospital pharmacies

All our products are designed with user safety in mind



ISOMATE STERI
positive pressure

ISOMATE CYTO
negative pressure

ISOLATORS
POSITIVE PRESSURE

ISOMATE STERI

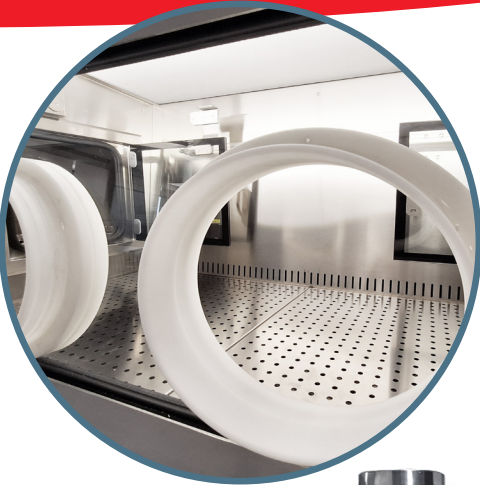
The ISOMATE STERI line is designed to provide protection for products/activities that require a sterile environment without external contaminants.

Product protection is achieved through a sealed work area with a higher internal pressure than the surrounding environment.

Complete sterilisation of the working chamber and both pass-boxes by means of an additional integrated hydrogen peroxide vaporisation system.

Handling of the product through gloves installed in the front window.

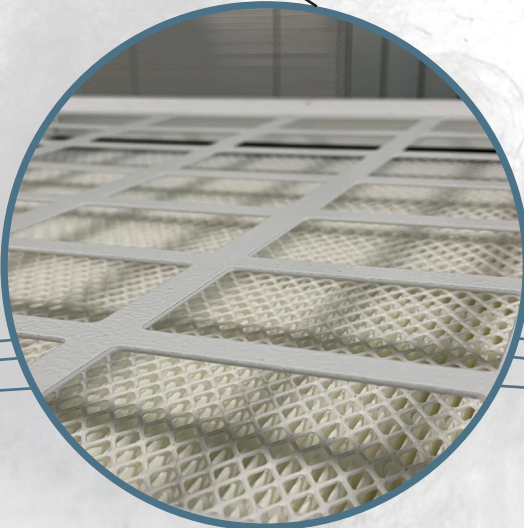
The only access to the work area, when in operation, is through the side pass-boxes.



Technical Specifications

	Model 1.2	Model 1.8
Internal cleanability	ISO3 - EN14644-1 (Class A GMP EU)	
Airflow	Unidirectional, self-regulated with average speed of 0.40m/s	
Working area pressure	+75Pa in relation to the external environment, self-regulated	
Dimensions external W x D x H (mm)	2798 x 841 x 2390	3408 x 841 x 2390
Workspace dimensions W x D x H (mm)	1228 x 590 x 690	1.838 x 590 x 690
Pass-box	2	
HEPA filters	4	
Motors	2	3
Gloves	2	4
Work area classification	ISO 3	
Power consumption	230V-50 Hz	

HEPA H14 Filters



ISOLATORS

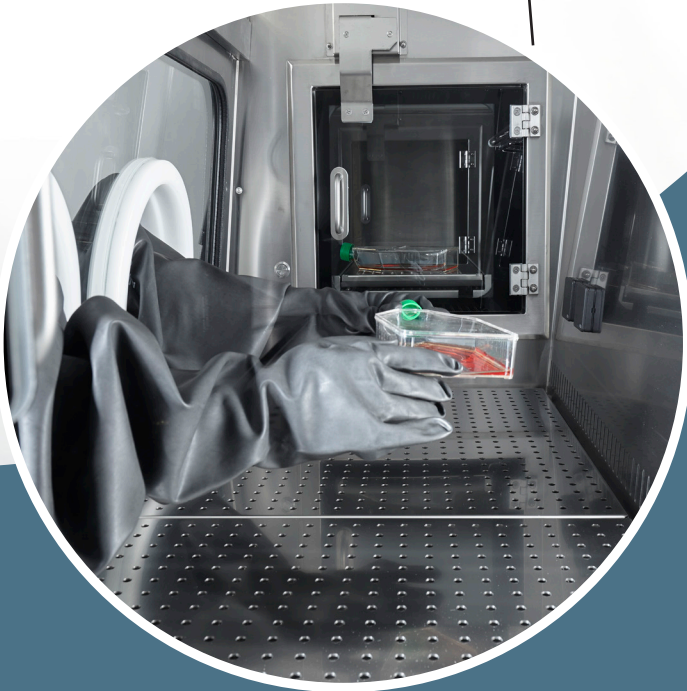
NEGATIVE PRESSURE

ISOMATE CYTO

ISOMATE Cyto is designed to provide protection for operators, the environment and products during processes involving the handling of cytotoxic and mutagenic substances.

Operator and environmental protection is achieved through a sealed work area with a lower internal pressure than the surroundings

Handling of the product is done through gloves installed in the front window.



The only access to the work area, when in operation, is through the side pass-boxes.

Security & Performance

- 2 centrifugal fans for **optimal ventilation** and **pressure regulation**
- An **additional set of HEPA filters** under the work surface collects all contaminated aerosols
- **Patented BagIn-BagOut** procedure ensures that, during the replacement of first-stage HEPA filters, there is never any exposure of the environment and personnel to contamination
- Complete sterilisation with **peroxide vapourisation system**

Complies with DIN 12980:2017
the international standard for the safe handling of cytotoxics

Technical Specifications

	Model 1.2	Model 1.8
Internal cleanability	ISO3 - EN14644-1 (Class A GMP EU)	
Airflow	Unidirectional, self-regulated with average speed of 0.40m/s	
Working area pressure	-75Pa in relation to the external environment, self-regulated	
Dimensions external W x D x H (mm)	2798 x 841 x 2390	3408 x 841 x 2390
Workspace dimensions W x D x H (mm)	1228 x 590 x 690	1.838 x 590 x 690
Pass-box	2	
HEPA filters	4	
Motori	2	3
Gloves	2	4
Work area classification	ISO 3	
Power consumption	230V-50 Hz	





FIND OUT MORE



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