

Isotec

Isolator

The isolator is a system which allows to handle products and carry out activities fully isolated from the surrounding department or cleanroom.

ISOTEC systems are able to maintain cleaning requirements, and sterility if needed, inside the containment rooms as well as protect both operator and environment from highly toxic products.



Tecninox develops, designs and provides isolation systems ever more sophisticated thanks to a constant cooperation with pharmaceutical, hospital, chemical, cosmetic and food sectors.

A specific design ensures total containment and safety during those processes involving API components, leading all production to positive results.

ISOTEC line is set up to meet all requirements both with positive pressure (human cells multiplication, aseptic procedures, sterility test, weighing, dosing, fractionation, packing and transfer) and with negative pressure (fractionation, weighing, grinding, micro grinding and transfer).

Options and customisation

- Customised products.

ISOTEC PRESSURE (-)	ISOTEC PRESSURE (+)
HOSPITAL	
cytotoxic drugs fractionation	human cells multiplication
cells marking	aseptic procedures
PHARMACEUTICAL	
API dispensing	sterility test
grinding	weighing
weighing	transfer
transfer	
drug substances handling	
CHEMICAL	
API dispensing	sterility test dispensing
weighing	dispensing
transfer	



RABS

Tecnox designs and manufactures RABS – Restricted Access Barrier System – suitable to isolate areas intended for critical procedures such as pharmaceutical production lines.

The main purpose of this compartmentalisation is to contain the particulate propagation within the isolated area, protecting both the environment and the operator who works through gloves positioned on the RABS glass.

This compartmentalisation is not hermetic: a low depression maintains powders inside the isolated area (dynamic containment).