

AMERCARE

PROTECTING YOUR PRODUCT AND ENVIRONMENT

Blood Cell Labelling Isolators



Amercare is a market leader in the design, manufacture and supply of rigid isolators for Nuclear Medicine Applications

The A2 range of isolators has been specifically designed for ease of use and for easy cleaning and sanitisation

Innovative vacuum door seal technology provides simple, lightweight doors for easy operation, wide clear openings for easy loading plus total simplicity for cleaning.

The height adjustable base frame helps to provide you with the most comfortable isolator you have ever used.

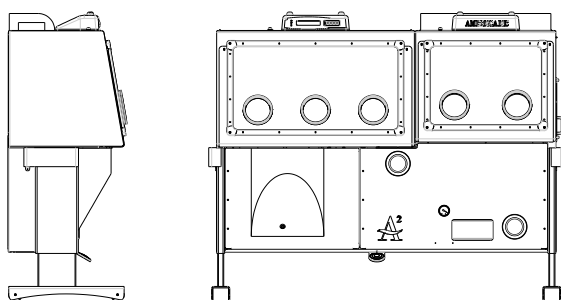
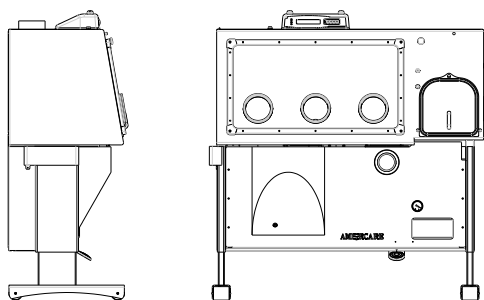
On the inside all surfaces can be easily reached from the glove ports for routine sanitisation and the lack of door fittings simplify cleaning. The low height and roller base frame make it easy to clean the whole external surface of the isolator.

Key features:

- Provide an EC GMP Grade A (Class 100) air environment in each module.
- Integral 2 bucket centrifuge for optimum operator and product protection. 3300 rpm with bucket radius of 160mm generating 1948g maximum.
- Provision for aseptic integration of dose calibrator.
- Fully Interlocked class E transfer chamber.
- Isolator manufactured from 3mm thick grade 316 stainless steel.
- Ergonomic design with height adjustable base frame, and 350mm unobstructed knee room.
- Angled transfer chamber for ease of loading and unloading product.



Technical Data:



Standard

Two module Isolator comprising of a Process Isolator with integrated centrifuge and a single Class E transfer chamber.

Process Box	Overall Length	Depth	Maximum Height	Product Code
3 Ports	1670mm	740mm	1990mm	A2/CIN23B
4 Ports	2270mm	740mm	1990mm	A2/CIN24B

Manipulating Entry

Two module Isolator comprising of a Process Isolator with integrated centrifuge and a two glove manipulating Class E transfer chamber.

Process Box	Overall Length	Depth	Maximum Height	Product Code
3 Ports	2160mm	740mm	1990mm	A2/FIN23B
4 Ports	2560mm	740mm	1990mm	A2/FIN24B

Specifications:

- EC GMP Grade A air environment quality
- Negative Pressure
- Integrated visual and audible alarm unit
- Height adjustable base frame and footrest
- 3mm stainless steel grade 316 throughout
- Glove port breach velocity of 0.7m/sec
- Timed interlocks on all transfer chamber
- Integral light units
- 150mm diameter glove ports
- Test points for monitoring and validation
- Safe to change exhaust filters
- Internal electrical connections

Centrifuge Requirements:

- The centrifuge is manufactured as an integral part of the isolator and is fully welded into the base of the unit.
- Hinged lid, fitted with a failsafe lid lock, which cannot be opened unless the rotor has completely stopped.
- Centrifuge with 2 bucket rotor capable of rotating at up to 3500rpm. The bucket radius is 160mm generating 2000g.
- Centrifuge controller provides control over rotational speed; spin time, acceleration and deceleration rates.
- No electrical components or wiring inside the Isolator or centrifuge bowl in order to eliminate the risk of explosion caused by ignition of IMS and ethanol based cleaning materials.

Options:

- 200mm diameter glove ports
- Integrated dose calibrators
- Automatic dipper for dose calibrator
- Glove Leak Tester
- Re-circulating (integral fan unit)
- Lead Acrylic front panels (various thicknesses)
- Shielded viewing barrier, waste bins etc.
- 4 Bucket Centrifuge Rotor
- Alternative electrical specification (e.g. 110v)
- Extract fan unit