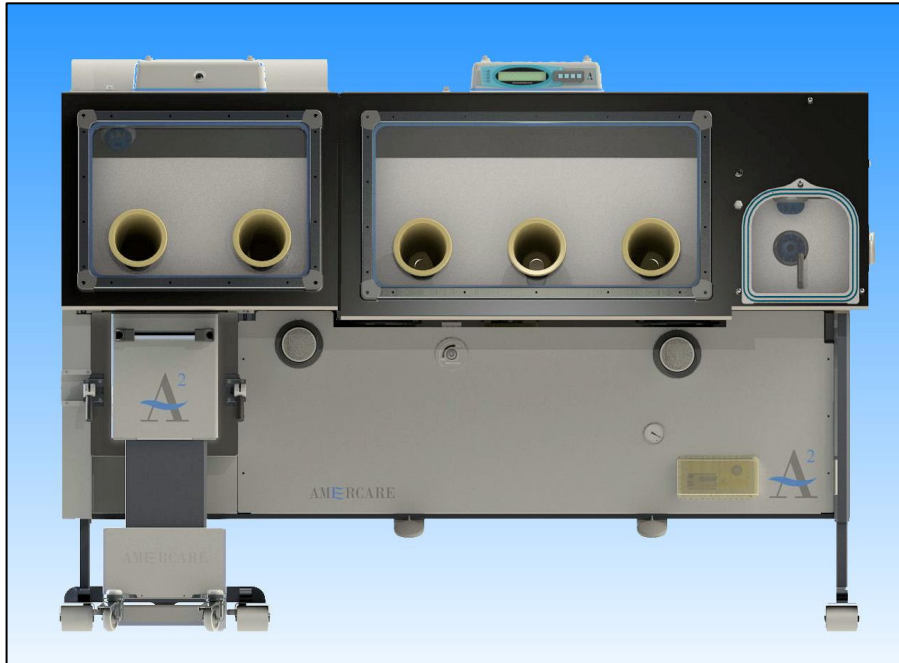


AMERCARE

PROTECTING YOUR PRODUCT AND ENVIRONMENT

Technetium Dispensing Isolator



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

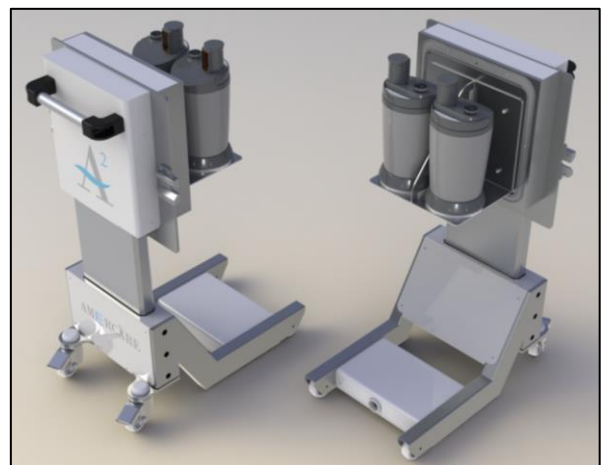
A dedicated range of isolators has been developed over many years specifically for use with Technetium 99m generators

This experience has been combined with the new A2 range of Pharmacy Isolators to result in a Technetium Dispensing isolator which is easier to use than ever.

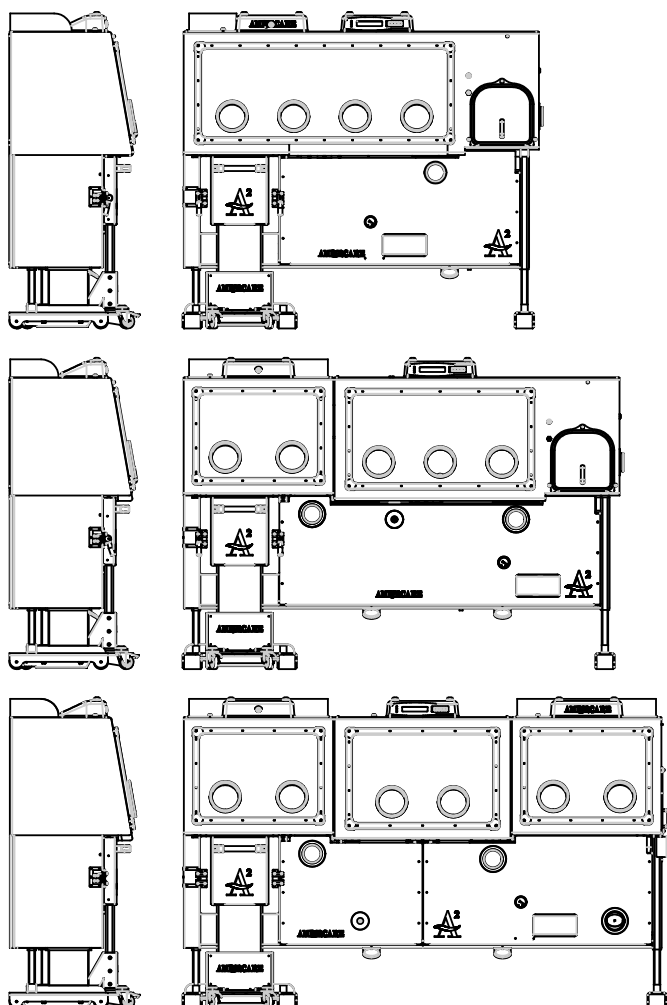
Features from the A2 Pharmacy isolator now incorporated into the Technetium Dispensing isolator include lightweight non-stick vacuum seal doors, height adjustable base frame and automatic leak testing.

Key features:

- Provide an EC GMP Grade A (class 100) air environment in each module.
- Have an electrically height adjustable base frame.
- Generators are housed in a removable trolley to minimise handling and lifting. Generators are shielded with 60mm interlocking lead.
- Provision for aseptic integration of dose calibrator with automatic dipper assembly.
- Fully interlocked class E transfer chambers with vacuum seal, lightweight, non-stick doors.
- Use turbulent air flow to ensure that clean air passes throughout the entire Isolator system and barrier shields etc.
- Have a continuous base to safely contain any spillage, (no air grilles).
- Are constructed from high quality (grade 316) stainless steel for maximum corrosion resistance.
- Are fully leak testable and are fitted with both audible and visual alarms and battery backup for critical systems.



Technical Data



Compact

Two module Isolator comprising of a combined generator storage/elution and Process Isolator and a single Class E transfer chamber.

Process Box	Overall Length	Depth	Maximum Height	Product Code
4 Ports	2020mm	740mm	1990mm	CIN24T

Standard

Three module Isolator comprising of a two glove generator storage/elution Isolator, Process Isolator and a single Class E transfer chamber.

Process Box	Overall Length	Depth	Maximum Height	Product Code
2 Ports	2285mm	740mm	1990mm	FCN24T
3 Ports	2485mm	740mm	1990mm	FCN25T
4 Ports	2885mm	740mm	1990mm	FCN26T

Manipulating Entry

Three module Isolator comprising of a two glove generator storage/elution Isolator, Process Isolator and a two glove manipulating Class E transfer chamber.

Process Box	Overall Length	Depth	Maximum Height	Product Code
2 Ports	2785mm	740mm	1990mm	FTN26T
3 Ports	2985mm	740mm	1990mm	FTN27T
4 Ports	3385mm	740mm	1990mm	FTN28T

Specifications:

- EC GMP Grade A air environment quality
- Negative Pressure
- Integrated visual and audible alarm unit
- Shielded generator trolley with 60mm interlocking lead
- 3mm stainless steel grade 316 throughout
- Glove port breach velocity of 0.7m/sec

Service Requirements:

- 240 VAC 13A single phase electrical supply
- External air extraction system capable of extracting 106m³/hr per module (non-recirculating units only)

Options:

- 200mm diameter glove ports
- Integrated dose calibrators with automatic dipper
- Glove Leak Tester
- Recirculating (integral fan unit) version
- Timed interlocks on all transfer chamber
- Integral light units
- Test points for monitoring and validation
- Safe to change exhaust filters
- Internal electrical connections
- Lead Acrylic front panels (various thicknesses)
- Shielded viewing barrier, waste bins etc.
- Extract fan unit
- Alternative electrical specification (e.g. 110v)