

News Issue:

Negative Pressure Nitrogen Isolator for Ireland

A two glove negative pressure nitrogen isolator has been designed and manufactured by Mach-Aire Ltd for line process work where medicinal products are sprayed onto medical devices.

Product automatically enters and exits the nitrogen filled main chamber via the oxygen to nitrogen purge HEPA filtered transfer chambers.

Powered vertical sliding doors are manually foot operated when the respective environmental levels are achieved. All pneumatic seals are compatible with chloroform and ethanol and all sliding doors are light guard safety protected for both product and operator.

A Siemens PLC system controls all isolator functions complete with track screen, HMI, and Human Modular Interface. Main chamber double inline exhaust HEPA cells and single supply HEPA are all safe change design.



Fume Cupboards & Extraction Systems, Pharmacy Aseptic Clean Rooms, Isolators and Powder Containment