

Настольные изоляторы Micro-Iso и Mini-Iso

Технические характеристики

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Micro-Iso and Mini-Iso

BENCHTOP ISOLATORS



ENVAIR
TECHNOLOGY

Clean Air & Containment



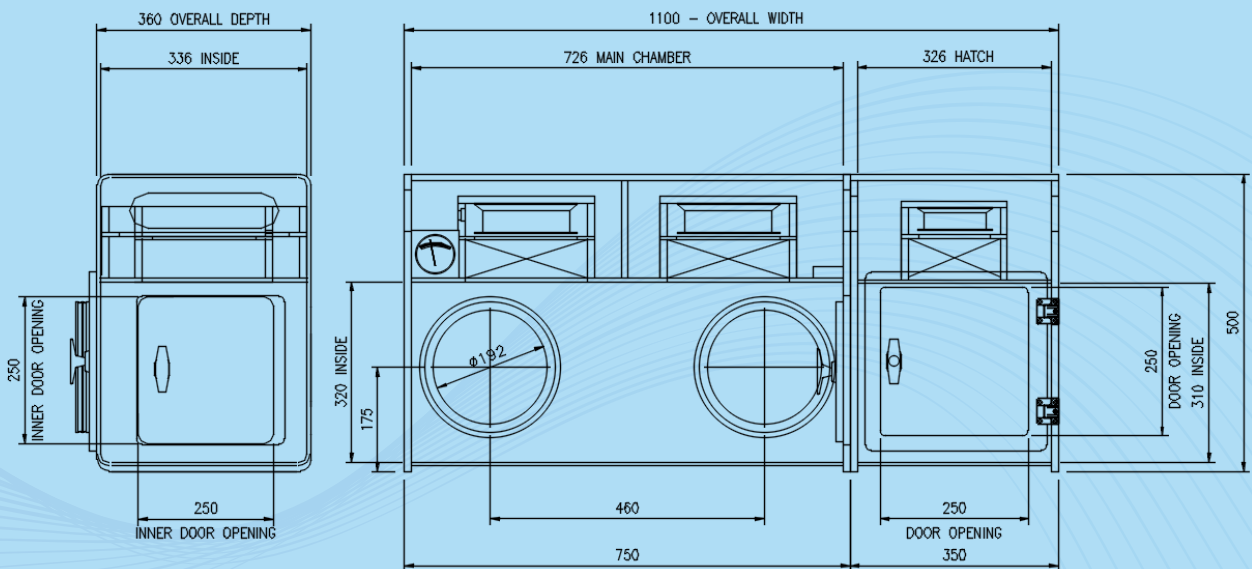
Compact, portable and suitable for light-use or standby applications

Compact and
portable
containment
units for
light-use

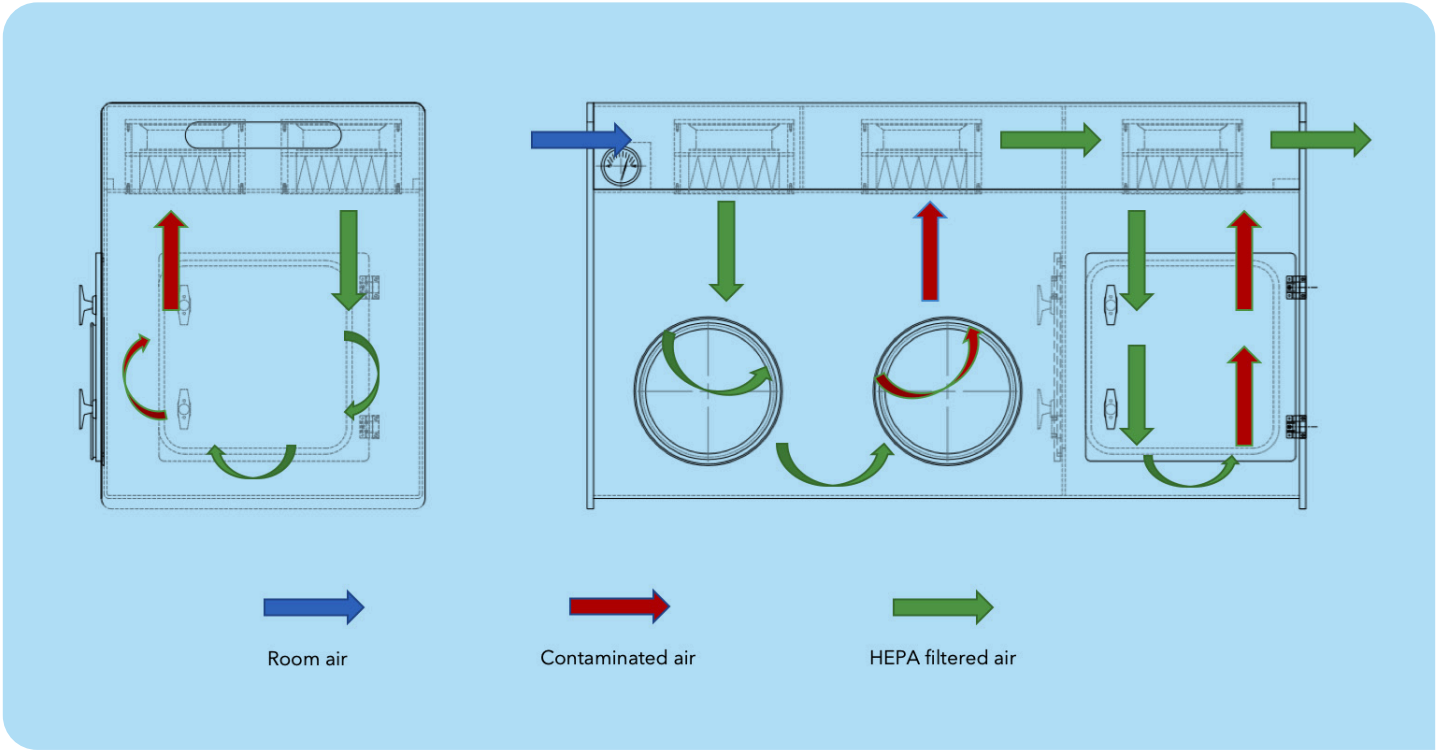
Envair Technology's micro and mini benchtop isolators are suitable for light-use or as a standby for a wide variety of applications.

- Compact, portable and cost effective
- Optical clear cast acrylic for good all-round vision
- Designed to operate at positive pressure for product protection or negative pressure for operator protection
- Operating mode controlled by a simple key-switch
- Airflow does not change direction when mode is changed (filters would discharge contamination if the flow were reversed)
- EU GMP Grade A and ISO 5 to BS EN ISO 14644- 1:1999 internal air quality after initial purge period

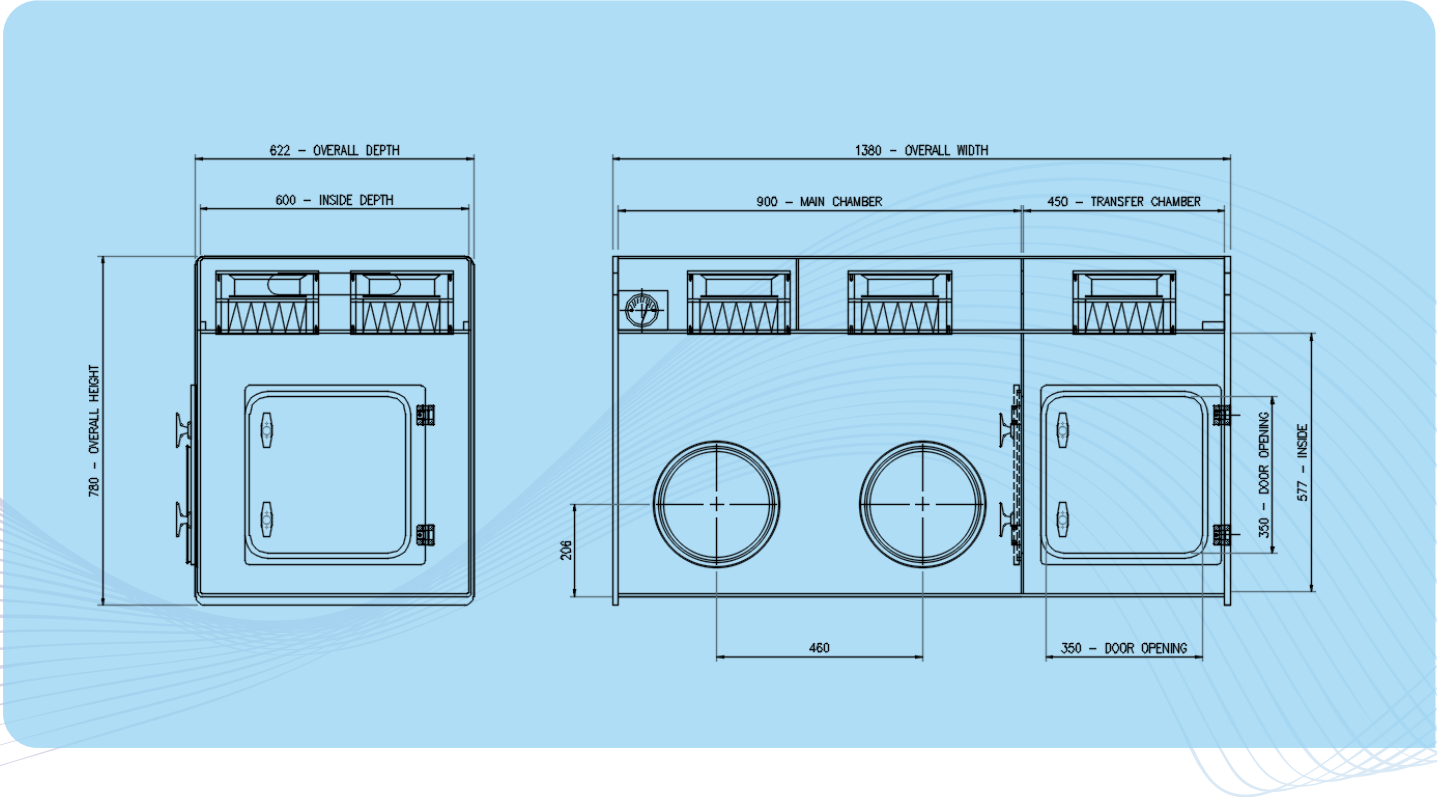
Micro-Iso Model designations and dimensions



Mini-Iso Airflow diagram



Mini-Iso Model designations and dimensions



Micro-Iso and Mini-Iso

BENCHTOP ISOLATORS

MODEL	MODEL DESCRIPTION	Weight (kg)	Power (Watts)	Total air changes per hour - main Chamber	Total air changes per hour - transfer Chamber
Micro-Iso	Portable clean air and containment unit manufactured in clear acrylic and designed to operate in either positive pressure or negative pressure mode	29.5	80 (0.4A)	495	N/A
Micro-Iso with transfer chamber	Portable clean air and containment unit manufactured in clear acrylic and designed to operate in either positive pressure or negative pressure mode. The unit is fitted with a transfer chamber at the right hand side back to room.	44.5	120 (0.5A)	495	450
Mini-Iso	Generously sized portable clean air and containment unit manufactured in clear acrylic and designed to operate in either positive pressure or negative pressure mode. The unit has an integral transfer chamber at the right.	69.0	160 (0.7A)	156	2920

SPECIFICATION AND OPTIONS

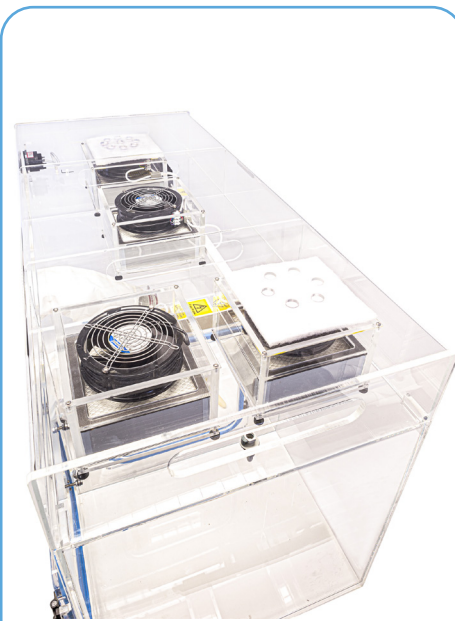
Main chamber	• Optical clear cast acrylic welded construction • Flush mounted HEPA-filters for air in and air out
Transfer device	• Transparent acrylic welded construction • Generously sized doors • Flush mounted HEPA-filters for air in and air out • Independent fan system wired to operate in the same mode as the main chamber
Stand	• Optional support stand with lockable castors
Access	• Two bonded 200 mm diameter sleeve ports in front of unit • Fabric lined polypropylene sleeves, universal cuff-rings and all associated O-rings for aseptic glove changes when used with sterile-wrapped, beaded, powder-free gloves • Optional gauntlets instead of sleeves and cuffs
Controls and electrics	• Push button on-off switch • Key switch for mode selection • Indicator lights to show mode selected • Zero centre Minihelic pressure gauge to show internal pressure • Electrics designed for 230v/50Hz1Ph supply • Optional alternative electrical supplies – to be specified by purchaser
Airflow and filtration	• The main chamber and the transfer chamber (where fitted) each have an inlet HEPA filter and an outlet HEPA filter at the top. Each HEPA filter has an axial fan above it, and the inlet HEPA filters have a prefilter above the fan. For operation at positive pressure, the inlet fan is powered. For operation at negative pressure, the outlet fan is powered. Transfer chambers (where fitted) are wired so that they automatically adopt the mode of the main chamber. A removable acrylic cover over the fans has openings for air to enter and leave the unit. • All HEPA filters H14 (BS EN 1822-1:1998)
Testing and maintenance	• DOP/particle counter test ports in wall of main chamber and in wall of transfer chamber

Micro-Iso and Mini-Iso

BENCHTOP ISOLATORS



Optical clear cast acrylic, with generous doors



Flush mounted HEPA-filters for air in and air out



Designed to operate in either positive or negative pressure mode

STANDARDS COMPLIANCE

IEC 61010-1:2001 (ELECTRIC WIRING)

QUALITY STATEMENT

Envair Technology provides world class design and manufacturing expertise for a full portfolio of clean room and containment solutions. We work with healthcare, pharmaceutical and laboratory facilities around the world, to protect the safety of teams handling hazardous compounds and maintain product integrity. Our engineers and production team are committed to the highest standards of excellence, meeting the requirements of ISO 9001:2015. We provide a comprehensive maintenance, testing and parts service for all our products, to ensure a lifetime of trouble-free use.



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