

SAFETYBOX™ POWDER HANDLING GLOVE BOX



CTS Powder Handling Glove Box systems provide a safe controlled environment for the weighing and manipulation of high potency drugs with OEL's less than $1\mu\text{g}/\text{m}^3$

The SafetyBox™ operates as a single pass through negative pressure HEPA filtered glove box. Air is passed into the enclosure via a safe change HEPA filter and exits via two more safe change HEPA filters back into the laboratory, or if required, into the laboratory extract system.

- Automatically Controlled Negative pressure environment
- Automatic ramp up facility in event of glove breach
- Safe change HEPA filtration
- Internally radiused edging for easy cleanability
- Sample transfer chamber
- Hinged front access panel for easy access
- ECL designed to $5\text{ng}/\text{m}^3$
- Stable weighing environment
- Ergonomic design
- Custom built solutions available

SAFETYBOX™ POWDER HANDLING GLOVE BOX

SYSTEM SPECIFICATION



CONSTRUCTION

- Main chamber: Stainless steel frame with 8mm Optically clear cast acrylic
- Base: Black Trespa
- Internally radiused edging for easy cleanability
- Gloves: White Butadyl (other options available)

DIMENSIONS

- Custom built solutions available

POWER REQUIREMENT (SINGLE PHASE)

- 230v/50Hz/13A Service (EU)
- 110v/60Hz/20A Service (USA)

FACILITIES REQUIREMENT

- Re-circulatory design, can be stand-alone operation or final connected to house extract.

SAFE WEIGHING



STANDARD SYSTEM INCLUDES

- Transfer chamber
- Auto Pressure Control with alarm

SYSTEM UPGRADES INCLUDE

- Interlocked transfer hatch
- Low Humidity Control
- Anti-Vibration Base Assembly
- HEPA Filtered Transfer Hatch
- Activated Carbon Filtration
- Continuous liner for safe waste exit

CONFIGURATION & CONTROL



AIRFLOW

- Single pass through operation
- Adjustable Negative pressure control (Standard = -50 Pascals)

FILTRATION

- Inlet: Safe change HEPA filtration
- Outlet: Two stage safe change HEPA filtration
- Min 99.995% efficiency at 0.3 microns (H14)
- Optional Activated Carbon Filtration



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Pricing on any accessories shown can be found by keying the part number into the search box on our website.

The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

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Please contact us if this literature doesn't answer all your questions.