

PHI POWDER HANDLING ISOLATOR



CTS Powder Handling Isolator systems provide a safe controlled environment for weighing and manipulation of high potency drugs with OEL's less than 30 ng/m³.

Constructed in Stainless Steel with a hinged glass door for easy access, automatic pressure control with ramp up facility and interlocking transfer hatch. The CTS Powder Handling Isolator provides <math><5\text{ng}/\text{m}^3</math> for handling of potent drug compounds.

- Negative pressure environment
- Safe change HEPA filtration
- Interlocking transfer chamber
- Safe waste system
- ECL designed to 5ng/m³
- Stable weighing environment
- Ergonomic design
- Easy to clean
- Stainless Steel construction
- Custom built solutions available

PHI POWDER HANDLING ISOLATOR

SYSTEM SPECIFICATION



CONSTRUCTION

- Grade 316 Stainless Steel construction
- Internally radiused corners
- 0.5ra Pharmaceutical grade surface finish
- Toughened glass hinged front panel
- Bench: 304 Stainless Steel
- Gloves: Anti static Nitrile Gauntlet

DIMENSIONS (mm) - (WxDxH)

External:	Internal:
1600 x 650 x 1700	1200 x 600 x 800
1900 x 650 x 1700	1500 x 600 x 800
2200 x 650 x 1700	1800 x 600 x 800

- Custom built solutions available

INTERLOCK CONTROL



POWER REQUIREMENT (SINGLE PHASE)

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

- Interlocking transfer chamber
- Automatic negative pressure control
- Auto ramp up facility
- Audible/visual alarm monitor

AIR FLOW & FILTRATION



AIRFLOW

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

FILTRATION

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