

# SB SAFETYBOX POWER 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  $\mu\text{g}/\text{m}^3$ .**

CTS SafetyBox enclosures operate 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 HEPA filters back into the laboratory, or if required, into the laboratory extract system.

- Negative pressure environment
- Safe change HEPA filtration
- Sample transfer chamber
- ECL designed to 5ng/m<sup>3</sup>
- Stable weighing environment
- Ergonomic design
- Easy to clean
- Custom built solutions available

# SB SAFETYBOX POWER HANDLING GLOVE BOX

SYSTEM  
SPECIFICATION



## CONSTRUCTION

- Main chamber: 8mm Optically clear cast acrylic
- Base: TRESPA™, Granite or Stainless Steel
- Bench: 304 Stainless steel
- Gloves: Anti static Nitrile Gauntlet

## DIMENSIONS (mm) - (WxDxH)

External:	Internal:
1200 x 650 x 1450	880 x 600 x 550
1500 x 650 x 1450	1180 x 600 x 550
1800 x 650 x 1450	1480 x 600 x 550

- Custom built solutions available

CONFIGURATION  
& CONTROL



## 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 connected direct to house extract

Standard system includes:

- Transfer chamber
- Magnehelic pressure gauge

System upgrades include:

- Interlocked transfer hatch
- Audible pressure alarm

AIR FLOW  
& FILTRATION



## AIRFLOW

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

## FILTRATION

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