

ST1 POTENT POWDER WEIGHING ENCLOSURE



Used by major pharmaceutical companies worldwide, the ST1 Potent Powder Weighing Enclosure is the recognised leader for safe weighing environments.

The ST1 Potent Powder Weighing Enclosure is specifically designed and independently tested to protect the analyst from airborne contaminants when weighing potent compounds.

- Safety performance - ECL 15ng/m³
- Containment tested to EN14175 and ASHRAE110
- Surrogate powder tested by SafeBridge Consultants™
- Turbulance free weighing environment
- Safe change HEPA filtration system
- Low air volume requirement
- Ceramic base
- Dual sensor air flow alarm system
- Safe waste disposal
- Custom built solutions

ST1 POTENT POWDER WEIGHING ENCLOSURE

SYSTEM SPECIFICATION



CONSTRUCTION

- 8mm Optically clear cast acrylic body
- Black ceramic base
- Stainless steel mobile bench available
- Space saving roof mounted filtration available

DIMENSIONS (mm) - (WxDxH)

External:	Internal:
900 x 750 x 600	850 x 600 x 580
1200 x 750 x 600	1180 x 600 x 580
1500 x 750 x 600	1480 x 600 x 580
1800 x 750 x 600	1750 x 600 x 580

- Custom built solutions available

SAFE WEIGHING



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

AIR FLOW & FILTRATION



FILTRATION

- Safe-change HEPA filter
- Modular air handling filtration unit
- Min 99.995% efficiency at 0.3 microns (H14)
- Activated Carbon filtration available

AIRFLOW MONITORING

- Continual airflow monitoring using a dual sensor hot wire anemometer complete with Audible / Visual alarm