

LEV SLIDING SASH ENCLOSURE



Effective containment for Particle Sizing, Karl Fisher Titration, Sieving, Milling, Tap Density, Friability, Weighing, Dispensing, Spray Drying, Small Scale Synthesis.

The LEV range of enclosures use a unique CAV (Constant Air Volume) sliding sash mechanism that allows the operator to have variable height access to equipment and processes. This system requires a much lower airflow than a standard fume hood, which saves significantly on energy costs.

- Full system design service from CTS
- Air flow alarm system
- Safe change HEPA Filtration
- Solvent filtration available
- Designed & built to customer specification
- Low air volume requirement - energy saving
- Direct connection or re-circulatory options
- System validation package available

LEV SLIDING SASH ENCLOSURE

SYSTEM SPECIFICATION



CONSTRUCTION

- Stainless steel skeletal frame
- 8mm Optically clear cast acrylic panels
- Black Phenolic resin base
- Stainless Steel Plenum
- Custom built Solutions
- Easy access for large equipment
- Bench Mounted or Free Standing

PERFORMANCE TESTED



SYSTEM DESIGN

- Sliding Sash design allows easy access
- Constant air volume design provides better containment
- Surrogate tested for containment of APIs
- ECL Design to $0.1\mu\text{g}/\text{m}^3$
- Can operate as a stand-alone system or be connected to the house extract system

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 complete with Audible / Visual alarm