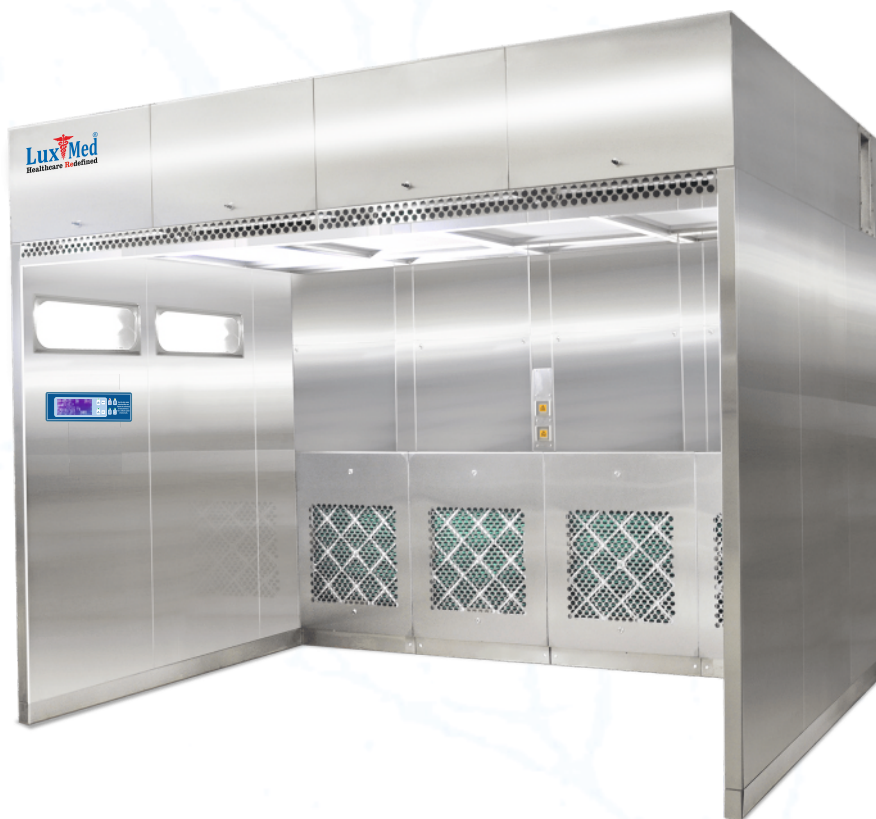


Sampling / Dispensing Booth

Luxmed[®] Dispensing Booth is designed in compliance with international cGMP guidelines. It is fully equipped to provide operator, process, and/or product protection during open handling processes such as: weighing / dispensing or charging of powder into intermediate bulk container (IBC), bins or equivalent, and sampling in cGMP warehouses.

Standard Luxmed[®] Dispensing Booth has over 420 possible dimensional models with approximately 3.5 million possible system configurations. As an established manufacturer and supplier of sampling / dispensing booths, Luxmed[®] Dispensing Booth can guarantee a standard solution to fit your specific process and facility requirements. Should a standard option not fit your requirements, Luxmed[®] can offer a customized solution.



Application:

Air is delivered into the Operator's Breathing Zone (OBZ) via the overhead HEPA filters, thus providing a clean and safe environment.

Potential dust clouds are suppressed and removed via the exhaust filtration system.

The operator carries out tasks in the high velocity zone at the rear of the Booth so that dangerous dusts will not rise into the breathing zone.

Product protection is assured by customising the downflow booth's layout to suit the processes being carried out.

The Booth provides a stand-alone work place that doesn't require the connection of external ventilation systems.

Features:

- Standard blowers used by Luxmed[®] are closed loop ECM fans. These are energy-efficient blowers with the ability to automatically adjust fan speed in response to filter loading.
- Noise level of ≤ 75 dBA can be achieved during factory testing; carried out in free field with clean filters and without sound foam.
- The sampling booth is equipped with knife-edge gel sealed filters capable for a 'rapid tool-less replacement' within the booth.
- Luxmed[®] Dispensing Booth can achieve ISO Class 5 air quality (at rest conditions) with its wide array of standard filtration options. Client can specify the type based on their application (dust burden level).
- Flush mounted energy efficient LED light fixtures in the booth side walls or ceiling ensures minimal glare and sufficient lighting in the work zone.
- LED lighting design placement ensures improved airflow regime with the minimum distance between the ceiling HEPA filters and diffusers.
- For powder coated sampling / weighing booths, Luxmed[®] Dispensing Booth utilizes the anti-microbial powder coating on all panels.

