

Downflow Booth

Downflow Booths are used for multiple bulk handling applications. These units are used to upgrade existing facilities or in new facility construction to reduce OEL during bulk handling operations. They are used for applications requiring Class 100 operating environments for product protection and exhaust for particulate containment.

Features:

- Used in applications requiring less than 1<Microgram per cubic meter, 8 hours TLV
- Washdown capable with wand and epoxy flooring
- Internal build-in vacuum system with Bagin/Bagout capability
- Class 100 airflow with LUWA panel diffusers
- Total wall exhaust units available for horizontal airflow
- Materials are 316 stainless steel or as required
- All welded walls with sealed corner coves
- Explosion proof units available
- Scale interface panels from Mettler-Toledo
- Bench scales and floor scales

TOTALLY ENCLOSED DOWNFLOW BOOTH

Totally Enclosed Downflow Booths are used when mills or other processing equipment cannot be contained within a normal Downflow Booth. A anti-chamber is provided to allow ingress and egress without allowing product migration out of the main work chamber. The anti-chamber is used for gowning apparel and PPE prior to entry into the main. It is also used for disposal of this equipment prior to exiting the area. In some applications, showers can be used as well.

Features:

- Unidirectional airflow is supplied with one or both low wall returns to remove particulates
- Washdown capable with wand and epoxy flooring
- Materials are 316 stainless steel or as required
- Process equipment can be interfaced in the core chamber
- Windows and doors designed for washdown
- Explosion proof units
- All welded walls with corner coves