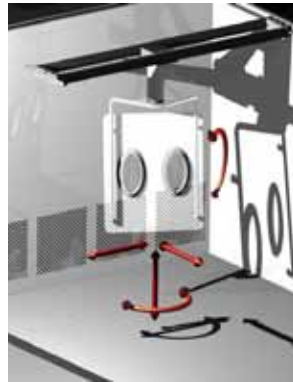


# 5D High Containment Screen

Bringing a new dimension to containment with the all new 5D High Containment Screen™.



## High Containment Screens

Howorth's High Containment Screens (HCS) are a simple but effective way of boosting the containment capabilities of any downflow booth. With our new range of screens, Howorth is now able to offer previously unattainable levels of operator protection in new or retro-fit applications.

## Principles of a High Containment Screen

Downflow booths are designed to protect the operator from dust rising into the breathing zone. The High Containment Screen (HCS) is fitted into the booth and forms an actual barrier between the operator and the dust source, keeping all dust laden air close to the exhaust grilles of the booth.

## Key Benefits

- Available in a variety of sizes, materials and with optional extras
- Ideal containment solution for a wide range of processes
- Independent testing of Howorth's Screens has confirmed that OELs as low as 0.5µg/m<sup>3</sup> can be achieved
- Retrofitting capabilities for any downflow booth
- Enhanced operator comfort

## Features

- 10mm Toughened glass.
- 2 x Oval gloveports 500mm x 200mm to allow movement within ports c/w sleeves and hypalon gloves.
- 316L St St tubular support framework.
- 304 St St overhead crane-type support structure to allow for smooth movement forward and back as well as left or right and rotational.
- Ball-bearing turning mechanism providing 180 degree rotation to either direction.
- Allows movement of screen virtually anywhere within safe zone of the booth.
- Vertical movement providing adjustment of 300mm thus increasing flexibility of glove elevation for varying height operators.
- Tilt adjustment of glass screen with frame of 25° from 90° standing position.
- Ability to carry out varying tasks from drums of different heights whilst maintaining an acceptable ergonomic posture.
- Optional Tool Shelf

## Health & Safety

Howorth's new 5D HCS is our most flexible screen yet and is an ATEX compliant component suitable for installation in any Zone 1/21 IIGD T4 IP65.

Developed in collaboration with existing booth operators, the 5D HCS offers unparalleled levels of operator flexibility, making it the ideal solution for a wide range of processes.



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