

Case study:

Pharmaceuticals

Application

Dispensing and transfer of pharmaceuticals in a protected environment Class 10.000 clean air quality required.

Requirements

High levels of operator protection required to cover the full range of products. Protection of product and continuous daily use.

Equipment supply to include automated lift assistance of product
automatic inversion of product drums/kegs.

Operator work platform to be removable to allow "exit" of discharged product

Chosen system "package" to be located within a limited room size which was fixed.

Hosokawa Solution

Installation of a 3.9m wide Downflow Recirculation Booth complete with internal installation of equipment. High containment safe-working area.

OEL-level obtained of max 100 µg/m³ during dispensing.

HEPA filtered air over the product to maintain product integrity.

No influence on air balance of client's room area.

Chiller coils to provide comfortable temperature controlled working environment for the operators

Automatic vacuum lift assistance equipment at the booth entry for offloading palletized drums/kegs from outside the booth, into the work zone.

Work platform with discharge station (operator ergonomics)

