



# POWDER CONTAINMENT MODULE



CrossFLOW  
CFU unit  
Downflow Booth



LABORATORY AND  
INDUSTRIAL EQUIPMENT

## CrossFLOW CFU unit

Powder Containment Module  
Class 3 - ISO 14644-1


GMP Grade A  
Air cleanliness

*In a nutshell...*

### TECHNICAL SPECIFICATION

- ✓ Body structure fully made in stainless steel AISI 304L 4B (Scotch Brite finishing) press-bent metal sheets with radius of 3 mm for easy cleaning and roughness lower than 0,8 Ra.
- ✓ H14 HEPA filter protective grids made in AISI 304L stainless steel.
- ✓ Prefiltration stage consisting of G3 filtration cells made in AISI 304L stainless steel fitted with quick-release system and F9 dihedral bag filters in compliance to EN 779.
- ✓ Filtration stage consisting of main and exhaust H14 HEPA filter DUG type with volume control dumper and DEHS test port with typical efficiency of 99.995% MPPS according to CEN EN 1822.
- ✓ Bag plenum made in technical material for superior air diffusion.
- ✓ Ventilation is provided by high efficiency electronically commutated double inlet motor-blowers ECM DDTAC type.
- ✓ Pressure control provided by electronic output and analogic visualization by means of Dwyer manometers.
- ✓ Side containment provided by means of PVC strip curtains or stainless steel side walls.

### MAIN ACCESSORIES

- ✓ Temperature control Cooling Kit
- ✓ External stainless steel control box
- ✓ Bag in/Bag out filters replacement
- ✓ Atex components 
- ✓ EX certifications
- ✓ Further options available upon request



### DIMENSIONS AVAILABLE (useful internal width x depth)

- ✓ **Mini:** 1x1 m, 1.5x1.5 m
- ✓ **Medium:** 2x1 m, 2x1.5 m, 2x2 m
- ✓ **Large:** 3x1.5 m, 3x2 m, 4x2 m

Custom dimensions are always  
available upon request.



**Faster CrossFLOW CFU module provides the solution for powder containment during sampling, weighing and dosing operations.** Primarily conceived for the pharmaceutical and chemical industries for preserving the integrity of safe and hygienic manufacturing processes, employing a CrossFLOW CFU module is suitable anytime during the manufacturing process powders may be spilt into the environment.

The **CrossFLOW Powder Containing modules**, eliminating the risk of cross-contamination for the operators, the products handled and the inner and external environment, provide protection and guarantee safe conditions during all operational processes. The basic working principle is an air flow pattern providing a slight negative pressure which isolates the booth from the surrounding area, eliminating any risk of contamination towards the external environment.



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Striving everyday to improve our environmental performance, FASTER developed environmental procedures are founded on three guiding principles:

- Protect the Environment for present and future generations manufacturing low energy consumption equipments
- Reduce risks and improve efficiencies
- Introduce improved technology and processes

