



**RBH**

Class II Robot Biohazard  
Microbiological Safety Cabinets



PROTECTION, SAFETY, RELIABILITY.  
AND MORE.

## RBH

Class II Robot Biohazard  
Microbiological  
Safety Cabinets

**Faster RBH Robot Biohazard Cabinet** is a special customized microbiological safety cabinet conceived to house automatic laboratory robots.

The unit delivers clean air rated in **Class ISO 3 according to ISO EN 14644-1** assuring products protection against cross-contamination.

The unit works in **negative pressure** in comparison to environment pressure which determines an inflow barrier set at 0,50 m/s, delivering protection for the operator. The air is exhausted prior to being H14 HEPA/ULPA filtered to guarantee environment protection as well. Faster RBH units can be variously tailored to meet application requirements and fit with automatic robot machines in the correct and safe way. The cabinet is in compliance to EN 12469:2000.



GMP Grade A



FRONT GLASS WITH HINGES



AISI 304L STAINLESS STEEL WORK SURFACE

SIDE SCREENS MADE IN GLASS OR LEXAN MATERIAL

### DIMENSIONS (wxdxh)

- ✓ 1190x1000x1000 mm
  - ✓ 1495x1000x1000 mm
  - ✓ 1800x1000x1000 mm
  - ✓ 2256x1000x1000 mm
- Customized dimensions available upon request.

## TECHNICAL SPECIFICATIONS

- ✓ Body structure and back wall internal panel made in cold rolled epoxy painted steel painted with Alesta® Dupont antimicrobial coating
- ✓ Reinforced Work surface made in AISI 304L 4B stainless steel scotch brite finishing with radius of 3 mm for easy cleaning and roughness lower than 0,8 Ra
- ✓ Filtration stage consisting of down-flow and exhaust H14 HEPA/ULPA according to CEN EN 1822
- ✓ Ventilation provided by double electro-centrifugal fans
- ✓ Frontal and side screens made in polycarbonate
- ✓ Frontal screen fitted with springs to keep it in open position and increase the working aperture up to 600 mm to fit big devices inside and facilitate robot maintenance
- ✓ Electrical outlets IP 55 protection
- ✓ Rapid DEHS test port for filter integrity test
- ✓ Fluorescent lights positioned out of the working volume with more than 1000Lux intensity
- ✓ Pivoting castors with brakes (as option)
- ✓ Microprocessor based control with alarms for the main unit parameters

## AVAILABLE OPTIONS

- ✓ Version fully made in AISI 304 or 316 stainless steel
- ✓ Additional electrical or data outlets
- ✓ UV light installed on aluminium night door panel
- ✓ Side holes for external cabling
- ✓ Customized dimensions
- ✓ RemoteFAST controlling system (the unit can be controlled from a remote laptop)



**Faster S.r.l.**

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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