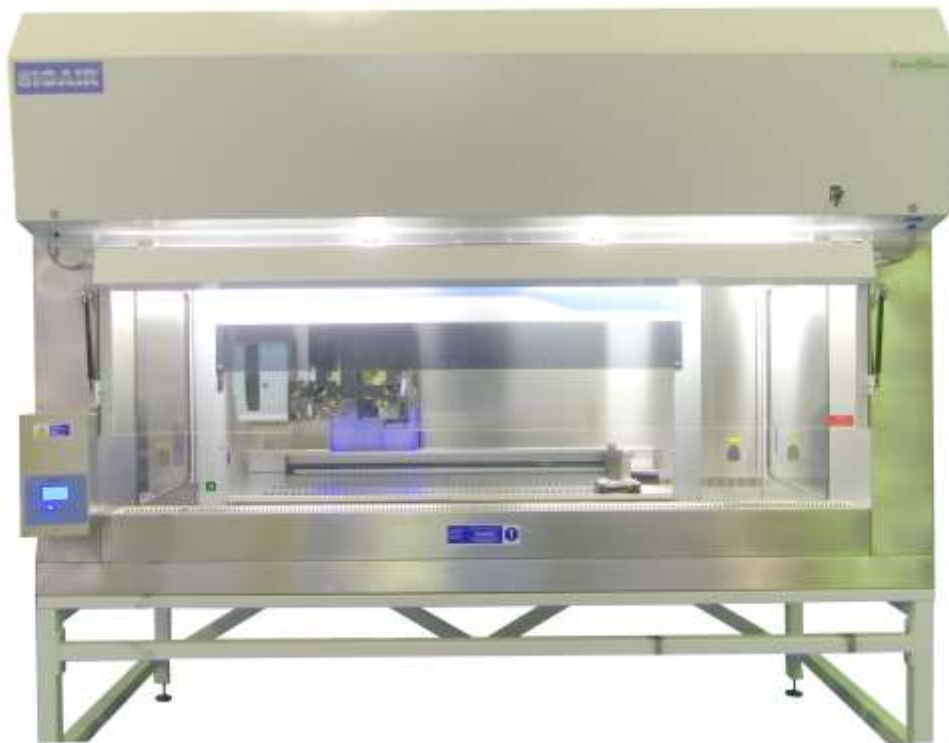


S@FE SP Special Cabinets for Robot



S@fe SP cabinets have been designed in order to provide a controlled environment in which place liquid handling robots. The cabinets provide the same level of containment of a Class II cabinet as defined by the EN12469:2000 norm ($Apf > 10^5$).

With up to 2.4m of internal width available, S@fe SP cabinets provide enough room to comfortably fit liquid handling robots.

In order to allow easy installation of the cabinet and the robot, S@fe SP are designed to be completely disassembled before shipping and reassembled in place at customer site!

Main Features

- Internal surface in stainless steel AISI304
- Internal power sockets
- Two exhaust filters on sides of the cabinet to avoid ceiling interference
- Cable pass-through on lateral glass
- HEPA H14 filters according to EN1822-1 (efficiency >99.995% on 0.1-0.2micron particles)
- Microprocessor controlled
- LCD display with softkey membrane controls
- Raised frontal grid to provide high efficiency frontal barrier (Apf >10⁵)
- Lateral grids on working surface for better internal flow distribution
- Removable frontal grid for easy robot installation/maintenance
- Lateral cable pass-through
- Two internal power socket (Shucko/Europlug standard)
- Completely disassemblable for easy transport and installation
- Two sizes available: 2.4m and 2.8m overall width

Technical Data

MODEL	S@FE SP 2.1	S@FE SP 2.4
Working Surface	Multi sector solid surface	
External Size (wxdxh) (mm)	2339x1420x1790	2800x1420x1790
Working area (wxdxh) (mm)	2005x894x978	2409x894x978
Height including stand (mm)	2600	2600
Front aperture (mm)	195	250
Weight (Kg)	700	750
HEPA filters efficiency	> 99,995% MPPS as per EN1822.1	
Exhausted air volume	1.050 m ³ /h	
Motorblowers	2 centrifugal blowers with speed self-regulation based on filter's clogging level	
Power supply	230V 50Hz	
Heat emission (Kcal/h)	1.250	
Electrical sockets	1	
Flourescent lamp heat emission (Kcal/h)	130	
Lighting level (Lux)	≥ 750	
Sound pressure (dB(A))	<65	

Assembly diagram

