

s@feflow series

The Ultimate Microbiological Safety Cabinet

EuroClone®  
serving science through innovation



Microbiological Safety Cabinet Class II Type A2  
Unrivalled operator & product protection



UK distributor and service agent  
[www.tecomak.com](http://www.tecomak.com)

## The S@feFlow Class II Microbiological Safety Cabinet series offers the ultimate level of operator, environmental and product protection.

- 40 years of design expertise, the highest quality components and the most stringent international certification ensure your safety.
- Dual skin configuration (negative pressure containment air plenums) with air inlets at the side of the sash opening provides the highest levels of containment efficiency across the full aperture width.
- Air and aerosol tight electrical sliding sash system with unique "YZY" movement ensures the containment of aerosol within the chamber when the sash is fully down. The sash can be rapidly closed in an emergency situation.
- Secondary exhaust HEPA filter installed as standard.
- Fully compliant with EN 12469 and BS 5726 safety standards, independently certified by TUV Nord – the leading testing agency in Europe.
- 5 year warranty.



### Features for Unbeaten Safety & Quality:

- Automatic UV light cycle program.
- Automatic sterilisation cycle monitored by the microprocessor.
- "Silence Within" design with noise level below 53 dB (A) – tested and certified according to ISO 11201, ISO 4871 and ISO EN 3744.
- Unique UPS Emergency Power Supply: Interactive emergency power supply for the safest cabinet power failure management.
- Hydraulic height adjustable support stands (manual and electrical) are available as an optional extra.
- Highest air flow stability both in terms of transitional disturbances and of progressive filter clogging.
- Front aperture inlet grille is a recessed V profile in the work surface to prevent flow restriction from the user's arms / clothing.
- Sloping front aperture and rear chamber lining for optimal downflow air distribution across the work surface.
- Exhaust and downflow filters fitted with micromesh laminators to reduce turbulence and provide a clear indication of potential filter damage.
- CE certification according to Machinery Directive 89/392/EEC, 91/368/EEC, 93/44/EEC 93/68/EEC.



## Ultimate Control & Safety Monitoring System:

- Multifunctional, user friendly control panel with 6" screen.
- Multilevel alarms with redundancy functions and 'smart control' for front window.
- Constant measurement of inflow velocity, downflow velocity and exhaust flow by vane anemometer.
- Constant monitoring of HEPA filter and UV lamp life span.
- Data logging and data transfer facility.

## Easy to Clean:

- User friendly swing-out feature for effective cleaning and sanitisation of the inner glass surface.
- Inner chamber made from 304 grade stainless steel with large radius corners and full access to exposed surfaces for ease of cleaning.
- Removable three part work surface enables easy steam sterilisation in an autoclave. Constructed from 304 grade stainless steel with a perforated work surface as a no cost option.
- Unique 304 grade stainless steel sump to aid effective cleaning.
- Airflow laminator helps to protect the filter surface during wipe cleaning.
- Cleanability Index C grade. (EN 12296 tested and certified).

## SafeMove Electronic Lift Support Stand

- An electronic lift support stand is available equipped with built-in compact actuators driven by an electronic control with memory functions. Developed with an emphasis on safety and design these stands are suitable for use with the S@feFlow range of Biological Safety Cabinets.
- The height of the work surface may be adjusted easily at any time; the electronic control ensures a soft start and-stop movement.
- The adjustable stands conform to the main European standards detailing stringent ergonomic, dimensional and stability requirements. They enable positioning of the cabinet work surface at a range of different heights to accommodate all users.



## S@feFlow Class II Microbiological Safety Cabinet Applications:

- Hospitals (Pharmacy, Haematology and Oncology Departments, Surgical Suites, and Pathology Clinics).
- Pharmaceutical, electronics, chemical, medical, stem cell, IVF and food manufacturing.
- Universities, life sciences and research facilities.





## S@feFlow Class II Biological Safety Cabinet Range:



S@feFlow 0.9



S@feFlow 1.2



S@feFlow 1.8

	S@feFlow 0.9 Order Code LD 800000	S@feFlow 1.2 Order Code LD 600000	S@feFlow 1.8 Order Code LD 700000
<b>Dimensions of Work Chamber:</b> (W x D x H) mm	879 x 600 x 650	1183 x 600 x 650	1793 x 600 x 650
<b>Overall Dimensions:</b> (W x D x H) mm	1055 x 792 x 1455	1360 x 792 x 1455	1970 x 792 x 1455
<b>Height on Stand:</b> (mm)	2235	2235	2235
<b>Front Opening Height:</b> (mm)	200	200	200
<b>Air Filter Grade:</b>	H14 class HEPA filters with 99.999% efficiency at 0.3 micron particle size (most penetrating particle size). EN1822-1 and EN 13091:1999 tested and certified		
<b>Weight:</b>	150 kgs	190 kgs	300 kgs
<b>Electrical Supply:</b>	220/240V-50Hz	220/240V-50Hz	220/240V-50Hz
<b>Power Consumption:</b>	351 W	476 W	686 W
<b>Noise Level:</b>	< 53 dB (A)	< 53 dB (A)	< 54 dB (A)
<b>Lighting Level:</b>	> 1200 lux	> 1200 lux	> 1200 lux

*EuroClone S.p.A. reserves the right to change production specifications without prior notice*

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