

Biosafety Cabinet

Description



S@femate ECO Cabinets are supplied in four different sizes (0.9mt, 1.2mt, 1.5mt and 1.8mt). These last generation Microbiological Safety Cabinets Class II type A2, have been certified according to the most stringent safety standards (EN12469-2000).

The internal design, the air flow aerodynamics and monitoring, the built-in safety devices and the very accurate manufacturing, guarantees the highest performances at the most stringent safety levels, as specified by EN12469 standard and have been certified by the most prestigious European certification bodies for Safety Cabinets.

Certified intrinsic biological safety, combined with impressively competitive prices, gives the end user a state of the art cabinet accessible to every budget, that only experienced European design and accurate quality manufacturing, can provide.

The ECO series evolves from our best seller series with a more eco-friendly approach: the new EC Motorblowers provide high efficiency while consuming less energy and the airflows as beendesigned in order to reduce noise pollution, while assuring the high level of operator, product and environment protection required by the EN12469-2000 standards.

Main Specifications

- ✓ Fully EN12469 certified by Tuv
- ✓ Microprocessor controlled EC motor blower, with volumetric sensor for exhausted air flow monitoring
- ✓ State of the art Microprocessor control system offering:
 - Large screen monitor.
 - Automatic control of preset airflow volumes.
 - Sliding sash window with smart control.
 - Permanent monitoring of HEPA filters life span.



- Alarms. Multilevel alarms, with redundancy functions.
 - Permanent display of working conditions.
 - Highest air flow stability both in case of transitional disturbances or to progressive filter clogging
 - Semi-automatic fumigation cycle (EN12297 tested and certified)
 - Continuous monitoring of front barrier air flow for the highest operator safety
 - Low barrier alarm
 - Power failure alarm
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- ✓ Volt-free contact for remote monitoring of exhaust fan.
 - ✓ Automatic reset of initial conditions in case of power failure
 - ✓ C-shaped support stand for the easiest one man installation procedure

Mechanical and Functional Specifications

- ✓ Sloped front design for the highest operation comfort. Sloped back side of the working chamber for the best down flow distribution (cabinet carcass EN12298 tested and certified for air tightness)
- ✓ Utilities inlets from the top of the cabinet.
- ✓ Stainless Steel internal surfaces with 2B finishing (including spillage tray). Solid work surface (3 sections) and special designed front grill.
- ✓ Electrically operated sliding multilayer safety glass window (max opening at 120°)
- ✓ Comfortable 200mm front opening
- ✓ Comfortable lateral side windows
- ✓ Exposed exhaust Hepa filter for easy visual integrity check.

