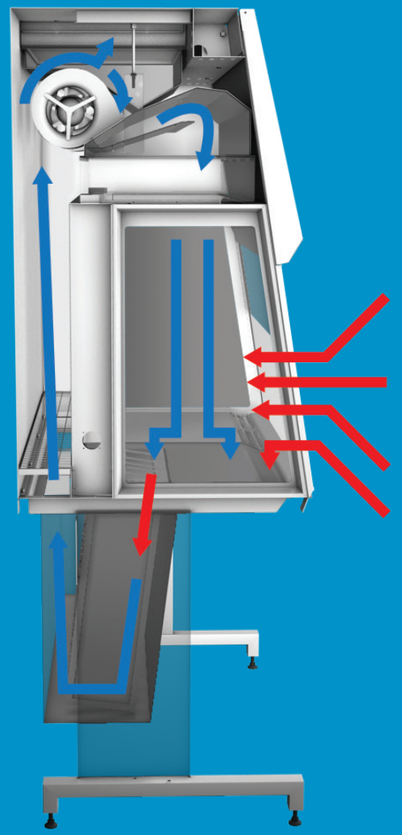
INCREASE YOUR
LAB EFFICIENCY

Mars Pro Class 2
Ultra-Safe Triple Filters
Microbiological Safety Cabinets

Scandinavian by Design

LABOGENE

Mars Pro, the ideal choice for your laboratory, wherever personal, environment, and/or product protection is required. Ultimate Safety and protection for tissue culture applications, virology, microbiology, and the handling of hazardous materials.



MARS PRO

The Mars Pro are a series of triple filter Class II Cabinets, which incorporate the latest in laminator technology, energy-saving designs and construction, with HEPA-filtration giving the ultimate in protection for you, your products and your laboratory.

Principle of Operation

The air flow enters the biological safety cabinet work chamber via the front aperture and continues under the worktop, and up the rear plenum where 70% is recirculated through the main HEPA filters, providing the down flow and 30 % exits out through the HEPA filter to exhaust.

The unique design of the Mars, incorporating laminator technology with digitally controlled down flow fans and a single exhaust fan, ensures true laminar and turbulent-free air flow distribution throughout the work chamber. This advancement results in lower noise levels, a vibration free work area coupled with a longer filter life and lower energy consumption.

The vertical laminar flow recirculation provides Operator Protection by means of inflow, Product Protection by means of down flow and Environmental Protection by means of the filtered exhaust.

The triple HEPA filter system ensures the elimination of any possible cross contamination as the air in the work chamber has to pass through two sets of main HEPA filters. This makes the Mars Pro the ideal choice of cabinet for working with hazardous materials such as cytostatic, virus manipulation and category 3 pathogens.

Available in four different working width sizes

- 900 mm, 1200 mm, 1500 mm or 1800 mm.

The Mars Pro cabinets are manufactured & tested in compliance with EN 12469.

All models are available with a wide range of high-quality customized options to suit your individual needs or requirements.

MARS PRO'S
FEATURES & BENEFITS

All service functions are performed from the front of the cabinet

Latest energy-efficient EC fans

Compactly constructed with an overall depth of less than 800 mm

Eye level control panel

Electrical operated front window with fully open/ closed positions

Angled front window that gives a correct ergonomic working position when either seated or standing

Wide range of support stands

Sectional work tops for easy removal, cleaning and decontamination

New features of the Mars Pro cabinets!

Lowest noise level & Lowest energy consumption.

Up to a 7 dB(A) noise reduction at factory settings and up to a 50 % reduction of the energy consumption. *

Optimal operator comfort

- New features of the range include: New innovative EC fans and optimized air flow, contributing up to an 7 dB(A) reduction in the noise level.

  For the Mars Pro 1200 that means a <49 dB(A) noise level at factory settings and <38 dB(A) in Eco-save mode. **

- V-shaped, angled inflow grills, allowing a comfortable working position whilst preventing restriction of the airflow.

- Panoramic front & side windows for ultimate supervision and glare-free lighting which gives a comfortable stress-free working environment.

- Diffused laminator allows shadow-free, variable light distribution within the chamber.

- The integrated control panel with LCD display is conveniently positioned for ease of viewing and operation, ensuring optimal performance and safety characteristics at all times.

* Compared to previous Mars Pro models.

** According to EN 11201.