

# INCREASE YOUR LAB EFFICIENCY

LaboGene's range of  
Microbiological  
Safety Cabinets

Scandinavian by Design



LABOGENE



## INCREASE YOUR LAB EFFICIENCY...

What effects our customers' lab efficiency and productivity? This is the core issue that LaboGene's products address, in my opinion. According to the Danish National Institute of Occupational Health, noise effects efficiency by reducing concentration levels and increasing absenteeism. Extraneous noise in laboratories is much higher than in the average working environment. To help counteract this, we at LaboGene work hard in developing low-noise, highly efficient biosafety cabinets.

With over 40 years of experience in the lab equipment industry, specialising in safety cabinets and freeze dryers, and with a strong global network of well-established distribution partners, constitutes the backbone of LaboGene's capability to deliver relevant and customized solutions. In this brochure, we have focused on the major benefits that are built-in as standard features in the LAF family: safety,

energy efficiency, noise reduction and ergonomic designs.

By concentrating on these features, we have created better solutions for customers that endeavour to create the best working environment for their employees, boosting efficiency, improving safety and leaving a greener footprint behind. Illustrations in this brochure identify the specific benefits that will enhance your working environment and the safety of your employees.

Best regards

Stig Lumbye  
CEO, LaboGene

75%

UP TO 75% OF LAB TECHNICIANS  
ARE EXPOSED TO DISRUPTIVE  
NOISE POLLUTION



down to **37 dB**

NOISE LEVELS CAN BE DIFFICULT TO PERCEIVE,  
BUT CAN CONTRIBUTE SIGNIFICANTLY TO  
OPERATOR SAFETY AND COMFORT.

The Mars cabinet is one the quietest cabinets available today, with a noise level of only 37-60 dB depending on the working environment.



### THE SOUND OF SILENCE

The primary function of any LAF cabinet is to protect the product, the environment and the operator or all of these combined, from any hazardous substances by generating an inflow of air through the cabinet.

The movement of a volume of air produces noise, this is unavoidable, but LaboGene's range of Class I, Class II and sterile cabinets benefits from 40 years of engineering expertise to ensure low noise and low vibrations. This is achieved by LaboGene's engineering excellence and expertise without compromising the safety of the operator, the environment or the product/sample, depending upon the cabinet model, i.e. Class I; Class II or Sterile.

#### **This is achieved by a combination of:**

- Careful aerodynamic design of the cabinet interior.
- Precise digital monitoring.
- Control of the operating conditions.

Furthermore, the LAF family has an automatic start/stop option that ensures noise reduction when not in use.

# Distributors **WORLDWIDE**

With more than forty years of experience in the design, manufacture and service of lab equipment, LaboGene strives to make a positive contribution to the scientific community all over the world. We provide equipment of innovative design, superb construction and unsurpassed reliability, while employing energy saving and environmentally friendly components.

In cooperation with our local distributors, we have a worldwide dealer and distribution network that makes it possible for us to provide our customers with top-quality equipment delivered on time, backed up with good technical service for the equipment's lifetime.

Our distributors offer complete support, service and consultation  
For more information and to find your local distributor visit [www.labogene.com](http://www.labogene.com)

Your local LaboGene distributor





# Safety **FIRST**

## MAXIMUM OPERATOR COMFORT

The ergonomically correct sloping front and the glare-free lighting gives a comfortable, stress-free working environment, when either in a seated or standing position.

The integrated control panel with LCD display is conveniently positioned for easy viewing and incorporates easy auto-start and close-down programming, as well as functions for reduced speed, lighting adjustments, exhaust and down flow air alarm and window position correctness.

## LAF CABINET SAFETY FEATURES

- Down flow & exhaust fans are constantly monitored via sensors to maintain safe operating conditions at all times.
- Visual and audible alarms for indication of unsafe airflow conditions or interruptions.
- V-shaped, angled-front air intake grills allow a comfortable work position, whilst preventing any airflow restriction caused by incorrect positioning of equipment in the work chamber.



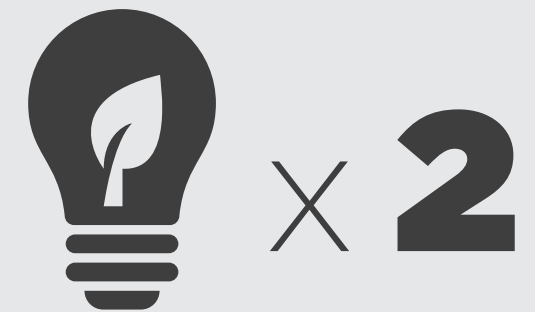
LaboGene's Airflow and Energy Specialists bring you the best and most efficient solutions available.



# Save up to **80% IN ENERGY**

The LAF cabinets take full advantage of the latest energy-efficient fans. Lower energy consumption also results in less heat transmission, both into the work chamber and out into the laboratory, contributing to significantly reduced overall energy costs.

- Digital control & operation.
- Lower operating & transmission temperatures.
- Unique three-fan system saves energy.
- 110 mm-deep HEPA filters offer low pressure drop.
- Auto Start/Stop function ensures cabinet operation only when required (available as an option).



During its operation, the Mars cabinet uses energy which is less than just two light bulbs.

# Meet the **FAMILY**

LaboGene produces some of the finest biological safety cabinets and laminar flow technology in the industry. Our legacy of over 40 years of expertise forms the core of the LaboGene brand.

We offer today's laboratories and research facilities ergonomic designs which incorporate the latest in energy-saving technology, environmental and

personal protection and the assurance of conformity to all statutory national and international standards.

LaboGene cabinets give the best protection for all your applications. We also offer a customized bespoke range of clean air enclosures, down flow modules and air showers for industrial, laboratory and biological support unit applications.

Need a customized solution?  
For more information visit:  
**[www.labogene.com](http://www.labogene.com)**



## Atlas

### Class I



**Fortuna**  
Class 100



## Jupiter Class I



**Mars**  
Class II



**Mars B2**  
Class II



## Mars Pro

### Class II



## Minerva

### Class II



## Orion

### Class II



**Sirius**  
Class II



## Titan

Class 100

[illegible]

# 40

## YEARS OF EXPERIENCE

LaboGene are experts in the fields of Clean Air & Laminar Flow, Centrifugation, Vacuum & Cooling. We provide both standard and perfectly customized solutions. Designing, developing, manufacturing and marketing laboratory and industrial equipment is our speciality.

**Leading Manufacturer & Supplier of:**

Microbiological Safety Cabinets  
Freeze dryers  
Freezers  
Centrifuges

**Learn more at [www.labogene.com](http://www.labogene.com)**



LaboGene ApS  
Bjarkesvej 5  
DK-3450 Allerød

Tel (+45) 3940 2566  
Fax (+45) 3995 2566  
Email [info@labogene.com](mailto:info@labogene.com)  
Web [www.labogene.com](http://www.labogene.com)



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