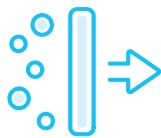


SOLIS
CLASSIC

**Microbiological
Safety
Cabinet**

CLASS II



Protection for product, operator and environment

TOGETHER, LET'S PROTECT
THE FUTURE OF RESEARCH


erlab
You can breathe.



A controlled design to protect you from biological contamination risks in the laboratory.

CLASS II MICROBIOLOGICAL SAFETY CABINET: OPTIMAL PROTECTION IN THE LABORATORY

Designed to ensure safe use in compliance with standard EN 12469: 2000, the microbiological safety cabinet provides triple protection: for the operator, the samples being handled, and the environment.

Thanks to **advanced filtration technology** including **high-efficiency H14 HEPA filters** (99.995% MPPS according to EN 1822-1: 2019), it prevents cross-contamination and ensures purified air in the working area.



HIGH FILTRATION



AUTOMATIC AIRFLOW REGULATION



ENHANCED SAFETY WITH REAL-TIME DISPLAY



LOW ENERGY CONSUMPTION



EASY CLEANING



DIFFERENT TYPES OF GUARANTEED PROTECTION

Product protection

A **STERILE CHAMBER** THAT ENSURES SAMPLE INTEGRITY



Operator protection

A **REGULATED AIRFLOW** THAT PROTECTS AGAINST PATHOGENS



Environmental protection

FILTERED AIR BEFORE EXHAUST TO ELIMINATE ANY DISPERSION RISK



INTUITIVE INTERFACE

- Customize the operating settings of your Solis Classic MSC
- New applications to enhance your daily working conditions: calculator, timer, etc.

EVERYDAY COMFORT

- 10°-tilted glass panel** to adopt a natural posture and prevent fatigue
- Manually **adjustable sliding sash** up to 20 cm, with visual and mechanical indicators for reliable positioning
- Armrest and footrest** (optional) for optimal comfort and prevention of MSDs (musculoskeletal disorders)

EASY MAINTENANCE

- Tilting front window system** for easy cleaning of the chamber
- Removable work surface** with full access to the retention tank for optimal decontamination

+ 5-YEAR WARRANTY

2 years for spare parts + **3 additional years** with online registration

Microbiological safety cabinet

SOLIS CLASSIC

Microbiological Safety Cabinet



TECHNICAL SPECIFICATIONS

Standards compliance	Operator protection: NF EN ISO 12469: 2000 Product protection: ISO Class 5, according to NF EN ISO 14644-1: 2015 H14 HEPA filters – 99.995% MPPS according to EN 1822-1: 2019
Ventilation	Dual ventilation: supply and exhaust
Airflow – Supply	1000 m ³ /h
Airflow – Exhaust	> 320 m ³ /h
Air velocity	Inflow: ≥ 0.40 m/s / Downflow: Between 0.25 and 0.50 m/s
Voltage/Frequency	230 V / 50 Hz
Power consumption	Max. 2300 W / Standby mode: 85 W – Working mode: 170 W
Structure	White coated steel
Front panel	Laminated glass (UV protection)
Dimensions	Height: 1412 mm / Width: 1309 mm / Depth: 793 mm
Weight	160 kg

FEATURES

Work surface	Brushed 304L stainless steel
Handling chamber	White coated steel
Particulate filtration	H14 HEPA: 99.995% efficiency for particles ≥ 0.1 µm
Interface	Touchscreen with real-time safety parameter control
Internal lighting	LED lighting > 750 lux Adjustable via the touch screen
Anemometer	Real time air flow velocity monitoring
Electrical outlets	2 electrical outlets, with protective cover

OPTIONS

Carbon filtration (on exhaust)	AS: For Organic vapors / BE: Versatile for Acid + Organic vapors F: For Formaldehyde vapors / K: Ammonia vapors
Tap	Gas or Vacuum
Power supply	Cable access / Inverter / Additional power outlets
Structure	Footrest / Armrest
Work surface	Segmented
Decontamination	UV
Fixed stand	White coated steel Height, with or without casters: 826 mm
Adjustable stand	White coated steel Height, with or without casters: 735 mm/1035 mm (min./max.)



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