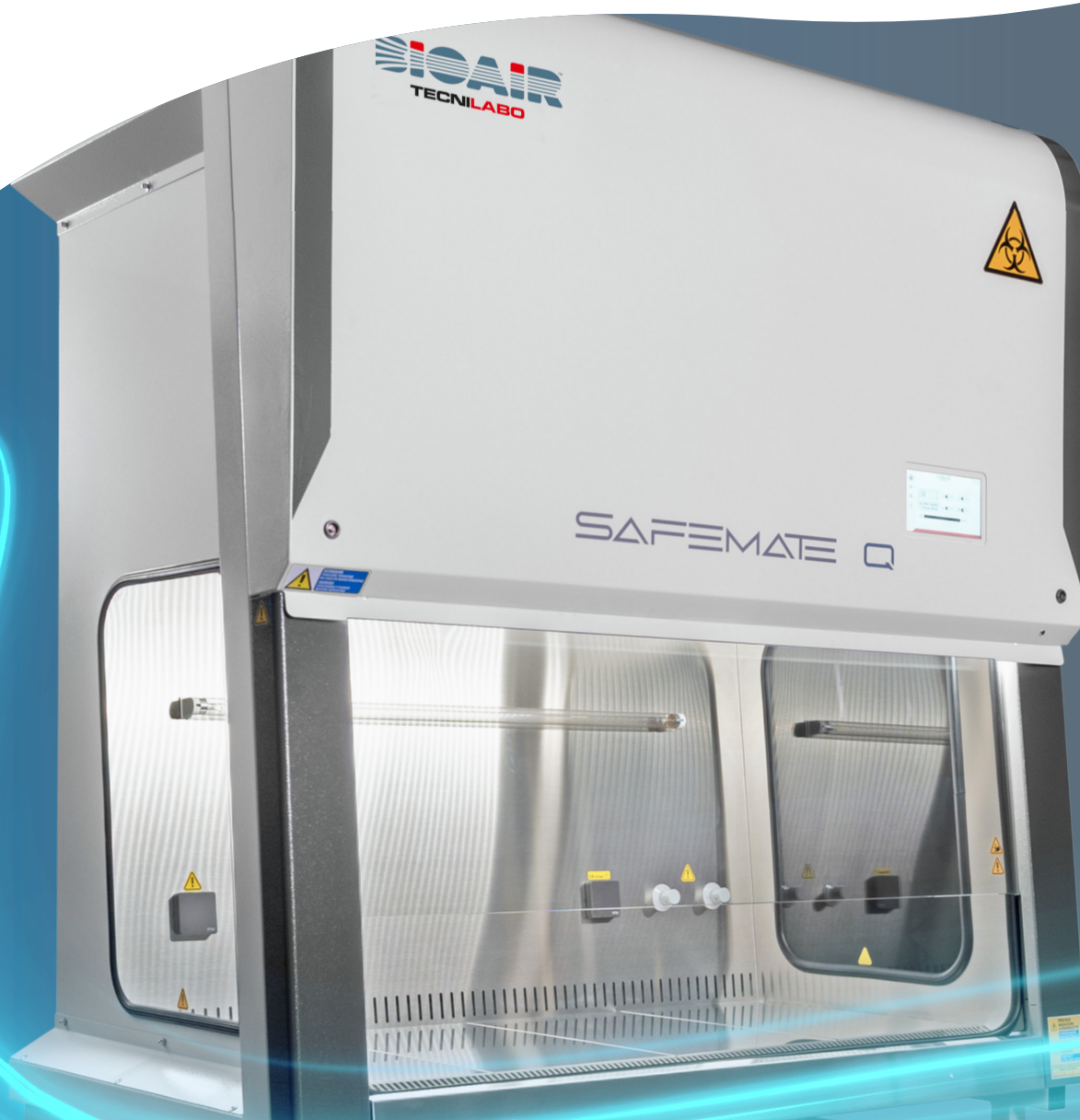


SAFEMATE Q

Microbiological Protection Cabinet



LABORATORY EXCELLENCE, MADE IN ITALY

SAFEMATE Q

A new benchmark in acoustic comfort, integrated hydrogen peroxide decontamination and complete microbiological safety, designed for high-performance laboratories.

MICROBIOLOGICAL SAFETY CABINET CLASS II TYPE A2

Silent

- Up to eightfold noise reduction compared with the previous model, with approximately 87.5% perceived sound reduction, significantly **improving operator comfort during prolonged work sessions**
- Soft plenum system compensates blower vibrations, stabilising airflow while further reducing acoustic emissions for **better operator focus**
- The Eco Mode allows to **reduce power consumption**, as well as further decreasing the noise level, whilst keeping the working area sterile.
- Carefully engineered airflow design minimises disruptive frequencies, creating a **calmer and more focused laboratory environment**.

AEGIS H_2O_2 DECONTAMINATION

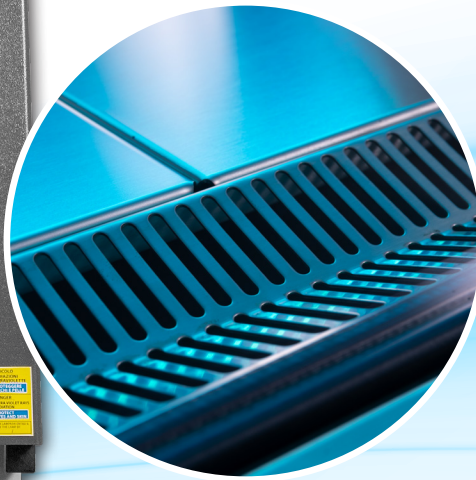
PATENTED!*

- Complete and uniform internal surface decontamination for **maximum microbiological safety**
- **Effective coverage of difficult-to-reach areas**, improving decontamination levels compared to UV standard
- Easy to use daily: cycles can be planned autonomously **without need of external equipment**
- **Fully integrated within the cabinet**: both system and intuitive interface are seamlessly built in, without impacting on space available for work



Performance and Safety

- Advanced microprocessor control monitors and regulates airflow parameters, ensuring **consistent performance and stable protection**
- Visual and acoustic alarms for low airflow and incorrect sash position **alert the operator** of unsafe conditions
- Active front window belt tension control system prevents accidental sash falls, **enhancing operator safety** during daily use
- Stainless steel chamber and worktop minimise particle retention, **simplify cleaning procedures** and **reduce contamination risks** over time
- High-efficiency H14 HEPA filtration (EN 1822-1, 99.995% MPPS)



Ergonomic Design

- 'V'-shaped front grill designed to support a **natural working posture**
- Large high-resolution touchscreen for **intuitive operation**
- Sloped front and rear walls for **improved accessibility and visibility**
- Front access for **simplified filter maintenance**
- C-shaped support stand enabling **single-person installation**

Technical Specifications

	MODEL 1.2	MODEL 1.5
Supply voltage (V~)	220-240	
Mains supply frequency (Hz)	50/60	
Power consumption (W) [light and fan]	325	400
Mark of conformity	CE	
Dimensions W x D x H (mm) [without supporting platform]	1380 x 846 (795)* x 1450	1685 x 846 (795)* x 1450
Workspace dimensions L x D x H (mm)	1230 x 580 x 700	1535 x 580 x 700
Weight (kg) [unsupported]	245	275
Filter efficiency class [EN 1822-1]	H14	
Efficiency MPPS global [EN 1822-1](%)	99,995	
UV-C Lamp	Included	
Sound level [EN ISO 3744] (dB[A]):	<52	<56
Available workplans	Solid Sectors, Hollow Sectors, One-piece liquid retention	

* Minimum depth for logistics purposes

TECNILABO

TECNIPLAST GROUP

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