

MICROBIOLOGICAL SAFETY CABINETS

SAFEFAST PREMIUM



THE NEW SAFEFAST PREMIUM

SafeFAST Premium leaves nothing to be desired. Designed for the most demanding requirements, it combines exceptional quality with maximum protection for both products and personnel. With its innovative features, including a redundant EC double blower, this advanced system sets new benchmarks in safety and efficiency.

SafeFAST Premium shines as an environmentally conscious solution. Thanks to its minimal noise level, lowest energy consumption and innovative Energy Safe Mode, it is not only a great product, but also a sustainable choice for the future.



SAFEFAST PREMIUM: VERY ECONOMICAL AND SILENT

FASTER SafeFAST Premium are Biological Safety Cabinets - designed and built to performance requirements of the EN-12469:2000 European Standard and NSF/ANSI 49 American Standard, with part of the air re-circulated via the main Class H14 HEPA/ULPA filter within the cabinet, whilst the remaining is discharged through an exhaust Class H14 HEPA/ULPA filter. Primarily conceived for pharmaceutical industries, SafeFAST Premium cabinets shall be offered whenever your clients are looking for low levels of power consumption, CO2 emissions and the lowest noise levels

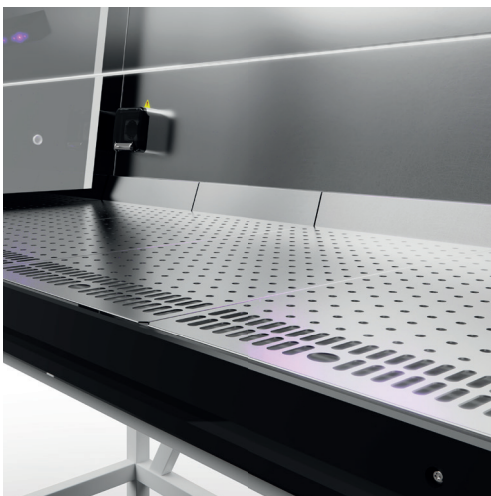


LED UV lamp

Removable and fixed, all in one

No airflow disturbance as it protrudes only 4 cm from the back wall

Aerodynamic design



New work surface AISI 316 L

Perforated or solid with no extra cost

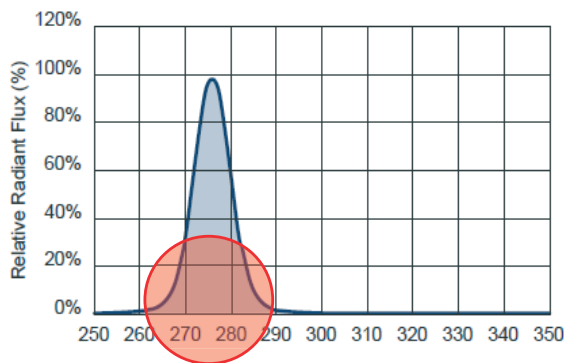
Easy-grab holes for quick removal

Increased useful depth (10% more!)

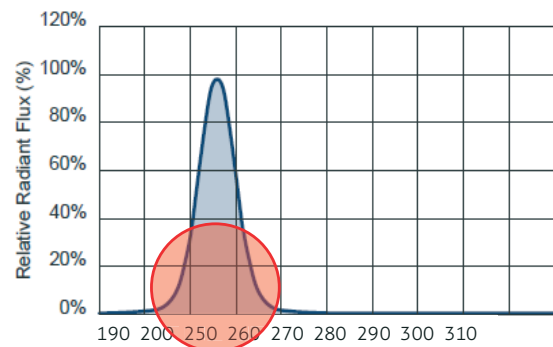


New touch screen with new graphic interface

WHY CHOOSING LED UV?



LED UV



UV STANDARD BULB

The evidence shown above in the chart indicates that the LED UV peak wavelength reaches the 100% relative radiant flux at a more efficient value of 275 nm in comparison to 254 nm of conventional UV lights. FASTER chooses to use the maximum decontamination effect by using LED UV with 275 nm.

THE UV-C LED DISINFECTION SYSTEM

In a world where hygiene and sterility are top priorities, UV-C LED disinfection systems are setting new standards in disinfection technology. With their impressive efficiency and environmental friendliness, they offer a cutting edge solution for reliably sterilising surfaces, air and water.

How does a UV-C LED disinfection system work?

UV-C light is a proven method for destroying microorganisms such as bacteria, viruses and moulds. The radiation in the wavelength range of 200-280 nm penetrates the DNA or RNA of microorganisms and deactivates their ability to reproduce. Unlike conventional UV lamps, modern lifetime UV-C LEDs, offers a longer service life, lower energy consumption and a mercury-free alternative.

Advantages of UV-C LED technology

- **Effective germ reduction:** UV-C LEDs eliminate up to 99.9 % of all germs in the shortest possible time.
- **Environmentally friendly:** Compared to conventional mercury vapour lamps, UV-C LEDs are free of hazardous substances.
- **Long service life:** The LEDs have an extended lifetime of up to 15,000 hours and are low-maintenance.
- **Flexibility and immediate readiness for use:** Compact design Immediate readiness for use: Unlike other technologies, UV-C LEDs require no warm-up time while its magnetic support allows it to be placed close to the areas to be sterilized.

Future-proof and sustainable

With the ongoing development of UV-C LED technologies, disinfection is becoming even more efficient and accessible.

The systems not only contribute with the new UV-C LED to improving global hygiene standards this cutting edge solution, not only contributes to improving, but also help to reduce the use of chemicals and disposable materials.

Conclusion

The UV-C LED disinfection system marks a significant step toward a safer, more hygienic, and sustainable future. Its versatility and efficiency ensure it will become an essential tool across various fields.

TECHNICAL SPECIFICATIONS

Microbiological safety cabinet

FASTER SafeFAST Premium | Class II according to EN 12469, ISO 14644-1

Description	Unit	0.9 m	1.2 m	1.5 m	1.8 m
General dimensions W×H×D ⁽¹⁾	mm	1045×1500×855	1350×1500×855	1655×1500×855	1960×1500×855
Usable dimensions W×H×D	mm	887×740×580	1192×740×580	1497×740×580	1802×740×580
Unit height with underframe (standard)	mm	2345			
Working height (seated workstation)	mm	880			
Work opening	mm	160 (adjustable)			
Max. elect. front opening	mm	440			
Complete front window opening	mm	740			
Weight	kg	170	196	225	260
Exhaust air	m ³ /h	290	390	485	585
Inflow	m/s	0.45 (adjustable)			
Downflow	m/s	0.25 (adjustable)			
Noise level ⁽²⁾	dB(A)	39.5	41	47	49
Light intensity	lux	>1200	>1200	>1300	>1300
Electrical connection	1Ph+E - 230 V 50 Hz, cable length 2.5 m (Schuko plug)				
Total current ⁽²⁾⁽³⁾	A	0.3	0.6	0.9	1.2
Power consumption	W	79.5	84.4	128	171
Protection class / IP	1 / 20				
Internal protection	A	4			
Heat emission	W	51	53	78	98
Operating mode for night setback		●	●	●	●
Remote Control Function		●	●	●	●
Quick Start Function / Energy Save Mode		●	●	●	●
Sockets IP66		2			
Other filters		●	●	●	●
Timer for programmable start / stop		●	●	●	●
⁽¹⁾ The total depth of the workbench can be reduced to 780 mm by removing the back panel ⁽²⁾ Measured in operating condition according to EN12469:2000 ⁽³⁾ Measured with clean filters, lighting on, internal sockets off					● Standard ● Optional



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Pricing on any accessories shown can be found by keying the part number into the search box on our website.

The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

www.wolflabs.co.uk

Tel : 01759 301142

Fax : 01759 301143

sales@wolflabs.co.uk

Please contact us if this literature doesn't answer all your questions.