



# Safe<sup>3</sup>



## Class III Microbiological Safety Cabinet

### Maximum safety

Class III Microbiological Safety Cabinets provide the highest level of containment, allowing to manipulate up to risk group 4 pathogen in a safe way. The Safe<sup>3</sup> series cabinets have been built according to the most stringent parameters defined by the EN12469:2000 and include an exclusive four filter system to provide even more protection to operators and environment!

- Manufactured in accordance with EN12469:2000 standard
- State of the art microprocessor control system
- Main switch with removable key
- Soft touch keyboard
- Bar graph for exhaust air flow conditions; permanent display
- Alarms for low air flow
- Sloped front for the most comfortable access
- Front and side access for filter maintenance and service
- C-shaped support stand for easy *one man installation* procedure
- Class III: Exclusive four filter design for the highest safety of the environment and the operator (Risk Group 4 pathogens): one (1) prefilter, one (1) HEPA H14 In-Let, two (2) HEPA H14 Exhaust Filters.
- Transfer hatch with interlocked doors (right or left positioned)
- Class III cabinet with exclusive three filter design and Class 100 inner chamber.
- Volt-free contact for remote monitoring of exhaust fan.
- Automatic reset of initial conditions in case of power failure
- Anti blow back valve for ducted configuration
- Magnehelic Gauge for internal chamber pressure constant monitoring
- One (1) Electrical Socket as standard option.
- UV-Light installed on top (standard option)
- Total visibility air and aerosol-tight front window equipped with robust gloves (Class III) for the safest operation when working with Risk Group 4 pathogens.

Model1	Safe <sup>3</sup>
Order number	LT20000
Overall size (wxdxh) mm	2015 x 822 x 1300
Work Chamber size (wxdxh) mm	1200 x 660 x 700
N° of glove ports	2
Exhaust air flow rate (m3/h)	> 180 m3/h
Internal Differential pressure (Pa)	< -220
Weight (kg)	210
Power Supply	220/240V 50Hz
Power (W)	500 W
Noise level	< 58dB(A)
Lighting lux	>1000

## ACCESSORIES

- AST20000 Support stand for Safe<sup>3</sup> 1.2
- AZ10000 Motorised remote extraction kit



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