

InnoSafe™

*THE BIOSAFETY CABINET CLASS III
ESPECIALLY DESIGNED TO GUARANTEE
A LEVEL OF ABSOLUTE CONTAINMENT*



Your partner in biosecurity

Our Bio Safety Cabinet Class III *InnoSafe™* ensures the highest level of protection to operators and environment against infectious aerosols and biological agents of level 1, 2, 3, or 4. Especially designed to guarantee a level of absolute containment, *InnoSafe™* is frequently used to handle very dangerous bacterium, virus and microorganisms.

***InnoSafe™* is manufactured to meet and goes beyond the latest requirements as regards security: EN 12469:2000.**

Why will you choose *InnoSafe™* ?

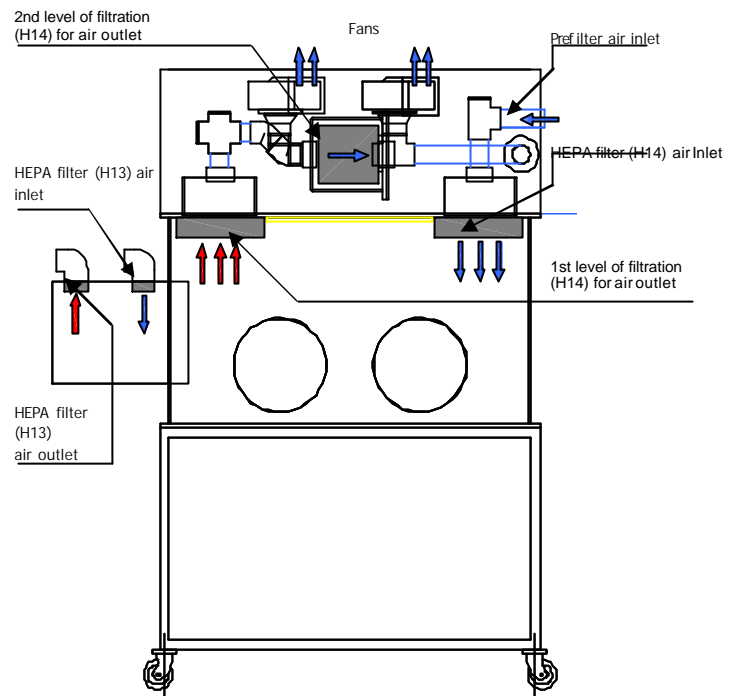
FOR SECURITY AND RELIABILITY

InnoSafe™ is an autonomous and proven micro-environment. The system of filtration is high performance as it can contain infectious micro-particles. It allows to improve significantly the level of protection when curbing a biological environment is required.

The sophisticated system of filtration consisting in a combination of HEPA/Chemical (option) Filters provides the best possible protection against contamination threats. Our system goes beyond CDC recommendations regarding the control of environment infections. It has been designed to meet most of the security standards.

FOR FLEXIBILITY

InnoSafe™ is rapidly installed and can very easily be decontaminated.



PRINCIPLE OF FUNCTIONING

FOR THE ORIGINAL FEATURES

- Gloves changing without breaking containment
- Full construction in plastic material with tight welding assembly
- Pressure display on the back wall (for the model with one handling face)
- Double fans on the extraction

FOR THE EXCELLENT COST EFFECTIVENESS

InnoSafe™ provides a better protection than a classic BSC II in a L3 environment for a lower price. Turning a L2 laboratory into a L3 laboratory is very expensive and very often complicated especially on an architectural point of view.

InnoSafe™ offers an interesting financial and technical alternative.



InnoSafe™ with mobile frame option

FOR ITS MATCHLESS CHARACTERISTICS

InnoSafe™ is the only equipment to offer the following characteristics:

- A leak rate of class 2 according to ISO 10648-2.
- An assembly mode which is perfectly tight and long-lasting . **No silicone gasket is used.**
- An original pressure display on the back wall of the BSC.
- The handling volume is separated from the outside via a lock chamber fitted with two servo-controlled doors.

FOR THE INDIVIDUAL CONTROLS AND SYSTEMATICAL CONTROLS

Your security is our daily worry.

The following tests are carried out in our control laboratory on each manufactured BSC:

- Leak test**
- Integrity test on HEPA filters (EMRY test)**
- Lighting level / sound level**
- Control of the level of negative pressure**
- Electrical checking**

A detailed report is provided with each BSC. It gathers all the tests carried out and the results obtained.

We recommend another certification 12 months after the initial date of the operations. Besides, we recommend in so far as it is possible, another control on site of the equipment after delivery and installation, according to recommendations Section 6 table 5 of the standard EN12469:2000

OPTIONS AND ACCESSORIES

All the following options are available for our BSC class III.

- *Electrical airtight connection*
- *Special Box of outlet connecting*
- *Automatic steriliser*
- *Airtight transfer system*
- *Fixed frame in stainless steel*
- *Mobile frame in stainless steel*
- *Working surface in stainless steel*
- *Second ante chamber*
- *Active charcoal filter*
- *Guarantee extension to 3 years excluding consumables and accessories*



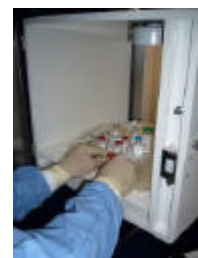
InnoSafe™ with an optional RTP & autoclavable RTC.

CUSTOM-MADE

Our BSC Class III can be made to measure according to your specifications. Contact us for further details.



InnoSafe™ with gloves on the rear and front face and with an optional flange of RTC.



Ante chamber



Control panel



Pressure indicator

InnoSafe™

CHARACTERISTICS

TECNICAL DATA			
Model	BSC Class III InnoSafe™ 2 GLOVES	BSC Class III InnoSafe™ 3 GLOVES	BSC Class III InnoSafe™ 4 GLOVES
Outside Dimensions (LxWxH)	1750x795*x1210**mm	2050x795*x1210**mm	2450x795*x1210**mm
Inside Dimensions (LxWxH)	1210x700x700mm	1510x700x700mm	1910x700x700mm
Number of sleeves and gloves	2	3	4
Type of gloves & available sizes	Neoprene size 7 or 8	Neoprene size 7 or 8	Neoprene size 7 or 8
Inside Pressure	-200 Pa (in accordance with EN12469:2000)	-200 Pa (in accordance with EN12469:2000)	-200 Pa (in accordance with EN12469:2000)
Particles Classification	ISO14644.1 Class 4	ISO14644.1 Class 4	ISO14644.1 Class 4
Type of filter for BSC air inlet	HEPA H14	HEPA H14	HEPA H14
Type of filter for BSC air outlet (x2)	HEPA H14	HEPA H14	HEPA H14
Filter efficiency for BSC air inlet	99.995% (MPPS) 99.999% at 0,3 µm	99.995% (MPPS) 99.999% at 0,3 µm	99.995% (MPPS) 99.999% at 0,3 µm
Efficiency of the 1st level of filtration for BSC air outlet	99.995% (MPPS) 99.999% at 0,3 µm	99.995% (MPPS) 99.999% at 0,3 µm	99.995% (MPPS) 99.999% at 0,3 µm
Efficiency of the 2nd level of filtration for BSC air outlet	99.995% at MPPS 99.999% at 0,3 µm	99.995% at MPPS 99.999% at 0,3 µm	99.995% at MPPS 99.999% at 0,3 µm
Prefilter	Consumable and not washable Polyester fiber	Consumable and not washable Polyester fiber	Consumable and not washable Polyester fiber
Sound level	= 60 dBA	= 60 dBA	= 60 Dba
Enclosure material	Rigid Plastic of 10mm thickness Fully welded	Rigid Plastic of 10mm thickness Fully welded	Rigid Plastic of 10mm thickness Fully welded
Working surface	Rigid Plastic of 15mm thickness Fully welded	Rigid Plastic of 15mm thickness Fully welded	Rigid Plastic of 15mm thickness Fully welded
Power/Frequency	850W/220-240 VAC 50 Hz Ph 1	850W/220-240 VAC 50 Hz Ph 1	850W/220-240 VAC 50 Hz Ph 1
Net Weight (approximately)	180 kgs	210 kgs	250 kgs

* 895mm with the optional exhaust connector, 2100mm**with the optional mobile frame.



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