INOSafety-BC Series Class II Biosafety Cabinet

With INOSafety-BC Biosafety Cabinets, you protect your experiments and your users. During use, it cleans the microorganisms in the environment as well as circulating and also cleans the outside environment of the user.

The interior area is completely made of high quality and easy to clean stainless steel. With its durable structure, you can use it in your laboratories for many years or you can use it in different environments by separating it from the stand under it.

You can create clean environments with ≤0,3µm level with 2 Hepa filters according to EN1822 standards in H14 Class. Self-sealing filter structure with high level of sealing.

Touch screen on the front panel of the device allows you to perform operations easily such as, fan controls on-off, fan speed controls, uv, lamp on and off. (In fully automatic models, windscreen control can be provided from touch screen.)

The long-lasting UV lamp has a useful life of over 5000 hours. In addition, you will have a comfortable working environment without tiring your eyes with daylight indoor lighting fluorescence.

You will not have any spare parts problem with all domestic production parts.
As the noise level is below acceptable values, you get a comfortable and quiet working environment.

Features;

1. Class II Type INOVIALAB INOSafety-BC series Biosafety cabinets are highly successful laboratory equipment to protect both the experiment and the environment.
2. The outer body of the device is made of A quality 0,90 GALVANIZE and painted with epoxy based electrostatic powder oven paint.
3. Internal working area of the device is coated with 316 A stainless steel.
4. Under the device, there are six adjustable pingo feet made of 40x40 box profile which can be used if desired.
5. The system has a vertical air flow and is designed to be sucked from the air grids, 30% of which is thrown out of the HEPA filter and 70% of it is sent back inside.
6. Two HEPA filters are used in the device and the filters have the ability to retain 0.3 micrometer particles of 99.99%.
7. There is one 15 Wat UV fluorescent in the system for pre-sterilization. UV fluorescent is mounted on the device so that it does not come into contact with the eye.
8. There is lighting fixture in the device.
9. The fan used in the device is a silent imported duct type fan with a flow rate of approximately 1250 m3.
10. There is 1 time clock on the device that shows HEPA filter life.
11. There is an electrical outlet on the device.
12. The device operates with 220 VOLT city electricity.
13. The front windshield of the device is 6mm glass which is connected to the counter weights.
14. In addition, our company is under the guarantee of our company with the 9001-2000 quality assurance system certificate.

INOSafety-BC Series Class II BioSafety Cabinet

General Technical Specifications of INOSafety-BC Series;

Filter Class	HEPA H14
Filter Efficiency	99.995%
Filter Strength	Up to 600Pa
Number of Filters	2 Pieces
Fan Capacity	1450 m3/hour 2 Pieces
Fan Noise	54 dB
Control	LCD Panel
Device Efficient	
Operating Temperature	+10°C - +40°C

Dimensions ;

INOSafety-BC90
External Dimensions (WxDxH) (Without Stand): 90x70x160cm
External Dimensions (WxDxH) (With Stand): 90x70x230cm
Internal Dimensions (WxDxH) : 61,5x60x5x61.5cm

INOSafety-BC120
External Dimensions (WxDxH) (Without Stand): 120x70x160cm
External Dimensions (WxDxH) (With Stand): 120x70x230cm
Internal Dimensions (WxDxH) : 112x65x65cm

INOSafety-BC150
External Dimensions (WxDxH) (Without Stand): 150x70x160cm
External Dimensions (WxDxH) (With Stand): 150x70x230cm
Internal Dimensions (WxDxH) : 112x65x65cm

INOSafety-BC180
External Dimensions (WxDxH) (Without Stand): 180x70x160cm
External Dimensions (WxDxH) (With Stand): 180x70x230cm
Internal Dimensions (WxDxH) : 112x65x65cm

Classification	Class II Type A2 BSCs (recirculating)	Class II Type A2 BSCs (recirculating)	Class II Type B2 (100% exhaust)	Class II Type B2 (100% exhaust)
Personal Protection	O	O	O	O
Sample Protection	O	O	O	O
Environmental Protection	O	O	O	O
Cross-Contaimination Protection	O	O	O	O
Use with volatile toxic chemicals as an adjunct to microbiological studies	When Thimble Exhausted		O	O
Additional Information	Used for 80% of applications including tissue culture, clinical specimen work, BSL1, BSL2, BSL3 work.		Large exhaust volume requirements and high energy consumption in comarison to Class II type A2 BSCs'	