



→ **interACTIVE** ←

BIOSAFETY CHANGING STATION

- Mobile biosafety changing station
- Double-front access
- Safety
- Microprocessor controls and safety alarms
- High cleanability
- Ergonomic designed



**LAMINAR FLOW**



**TECNIPLAST**

*innovation through passion* <sup>SM</sup>



## LAMINAR FLOW

### Interactive Biosafety Changing Station

#### Mobile Biosafety Changing Station



#### Double - front Access



### 1/Mobile Biosafety Changing Station

The "Interactive" is designed for animal research laboratories to guarantee the protection of the operators from the inhalation of infectious particulates, dust, allergens and pathogens as well as an excellent protection of the animals from contaminants by minimising the exposure to aerosols, preserving the environmental safety.

The biosafety changing station ensure a protection factor > 105 with KI Discus method for personnel protection from pathogens.

### 2/Double - Front Access

It features remarkably compact size, relatively light weight, unique manoeuvrability, 4 clear sides. Adequate working area and double-side access. Result in effective face to face operation for procedures which require two technicians working together or at the same time, whilst maintaining total operator, animal and environmental protection.

### 3/Safety

Environment air is pulled into the supply module where it is pre-filtered (G4 efficiency) and driven through a HEPA filter (H14 efficiency) before being distributed inside the working area as a unidirectional laminar flow (Class ISO 5, according to ISO 14644-1). The lower exhaust fan, on the other hand, draws contaminated air from the work area and make-up air from the local environment through the front bulkhead slots. The air is then pulled through the pre-filter and second HEPA filter before being released back into the environment through the exhaust grid.

This will create an air barrier (velocity 0,6 m/sec) at both work space openings preventing any passage of contaminated aerosols from the interior of the unit to the external local environment.

### 4/Microprocessor Controls and Safety Alarms

The machine is provided with a control system featuring a microprocessor which automatically controls and keeps a suitable velocity of the air curtain.

An acoustic and optical alarm system indicates the alarm conditions, reducing the risk for the operator and the environment from potentially hazardous micro-organisms, in line with the European Machinery Directive and International Standards.

### 5/High Cleanability

The work surface is composed of two easily removable frames, built of TRESPA sound-absorbent, anti-scratch to reduce the noise that will affect rodents activity (autoclavable material). The unit is supplied with two easy access pre-filters, positioned under the working area. The U-shaped pre-filter support prevents any escape of dust. With its bevelled edges the interactive is very easy to clean.

The machine can be decontaminated "in situ" with H<sub>2</sub>O<sub>2</sub> generator thanks to the on-board Software.

### 6/Ergonomic Designed

The Interactive offers:

- An adaptive ergonomic design, featuring adjustable working height (smooth and silent hydraulic lift system). This creates a safe, comfortable and convenient work area which improves staff performance and productivity.
- 4 clear sides allow good visibility inside the working area and reduce glare.
- Knee rest panel makes for greater operator comfort when seated.

### 7/Accessories

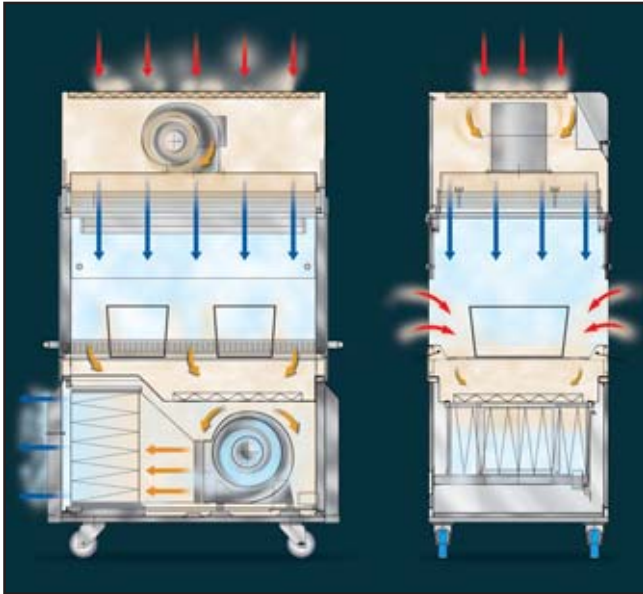
Aluminium removable front closure panel.

Aluminium removable front closure panel with UV lam.

APUS with sliding system Automatic Atomizer for no contact hand disinfection.

Interactive Retrofitting Kit Protective Net for Prefilter

### Safety 3



- Clean HEPA Filtered Air
- Room Air
- Mixed Room and HEPA Filtered Air

### Microprocessor Controls and Safety Alarms 4



### High Cleanability 5



### TECHNICAL SHEET

Overall Dimensions (W x D x H):  
1300 x 840 x 1980/2250 mm

Working Area (W x D x H):  
1130 x 600 x 620 mm

Front Opening Access:  
1050 x 290 (ht) mm

Net Weight:  
190 Kg

Supply Air Volume per Hour:  
980 m<sup>3</sup>/h

Exhaust Air Volume per hour:  
2300 m<sup>3</sup>/h

Noise Level:  
< 62 dBA

Electrical Supply:  
220/240 V - 50 Hz • 115 V - 60 Hz

### Ergonomic Designed 6



### Accessories 7



## Related Products

To maximise operational efficiency and learn more about these products contact your local representative.



**GP Decontamination Lock.** Full decontamination cycle, with 6 log reduction, in one hour all inclusive. The unit may be used with Vaporized Hydrogen Peroxide generators from different vendors, gaseous Chlorine Dioxide generators and for chemical fogging.



**Sealsafe Plus:** high containment, certified protection from allergens, high density and practicality of use. The IVC (r)evolution.



**Logistic trolleys** offer safety and ergonomic features that enable high load-density for moving cages and bottles, crates, pallets and covers.

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