## PROTEC II

## WEIGHING AND SAMPLING STATION



**FEATURES** 

- Start-up with a single "click"
- Double vacuum envelope (safety/no risk of leaking) •

Stainless steel interior volume in one part (no

welding) • Removable TRESPA

work surface (comfort of use/flatness/ decontamination) • Window with motorized raising and

lowering • Filter with laminarity veil •

Removable profiled guard

vein (comfort and ease of decontamination)

Maintenance from the

front (liftable cover) •

ECM single fan • Very low noise level •

Display LCD (speed,

clogging, alarms) • Smooth, cleanable surfaces • Integrated power socket as standard

Comply with the standard: EN 12 469

# TRIPLE PROTECTION:

OPERATOR. HANDLING AND **ENVIRONMENT** 

This enclosure is based on the principle of a type II A Microbiological Safety Post (triple protection).

It is intended for handling and/ or weighing: powders, harmful, powdery products, etc.

### **USES**

- Pharmaceutical
- Biotechnology
- Food industry
- Hospital Etc...



PROTEC II INSULATOR version

COMMISSIONING AND MAINTENANCE PROVIDED BY THE MANUFACTURER ADS LAMINAIRE





#### PRINCIPLE

A sterile ISO 5 laminar flow (according to standard EN 12469, or class 100) is blown vertically onto the work surface, after passing through an absolute HEPA filter (1) and ensures handling protection. The air flow is taken up entirely by peripheral perforations located on the side walls and on the rear wall of the enclosure.

Part of the recycled air is rejected into the room through a second absolute filter (2) allowing environmental protection. The quantity of air rejected is compensated by the suction of an equivalent volume of air in the front part of the work surface. This suction, called "guard vein", creates a dynamic barrier ensuring the protection of the manipulator.

#### HEPA H 14 filters Aerosol generator inlet socket Aerosol The absolute supply and rejection filters are inlet and sampling socket for testing accessible from the front. the integrity of absolute filters. See table Absolute rejection filter (2). Frame Made up of a double vacuum Lighting envelope preventing any Provided by a white leakage. fluorescent tube placed outside the working volume. Outer casing made of epoxy painted steel Illumination level greater sheet. than 750 lux. Satin 304L stainless steel inner casing. Perforated Grid The inclined Absolute blow filter (1). part ensures the ergonomics of the workstation. Depression Zone Isolates the interior of the hood and the Protection of the manipulator environment from any contamination. Suction of the "guard vein".

Control panel: see detailed documentation

#### **OPTIONS**

Weighing marble
Base on telescopic cylinders
Germicidal UV lamp
Fluid passage (gas/air/vacuum)
Additional power socketStainless steel
worktop, perforated, in several parts
Connection to the outside
Activated carbon filter
Prefilter on intake
Waste airlock
Glove box (BAG) - ISOLATOR"
configuration

Temperature and/or hygrometry regulation



Weighing marble for precision 0.01 mg



Pre-filter on return

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	90	PROTEC 92		PROTEC 122		PROTEC 162		PROTEC 182	
	Dimensions (mm)	Useful	Overall	Useful	Overall	Useful	Overall	Useful	Overall
	Width	921	971	1226	1276	1531 1	581	1836	1886
	Height		Usef	ul 650		Overall 1400			
	Depth		Usefu	ıl 616		Ove	rall 786	300	
	Weight (Kg)	1	90 230	1.4		350			
	Power (W)			1.4		1.5		1.5	
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Overall height on standard base 2240 mm.

#### Documents:

The following documents are provided on delivery:

- Certificate of conformity
- Warranty certificate
- User booklet



