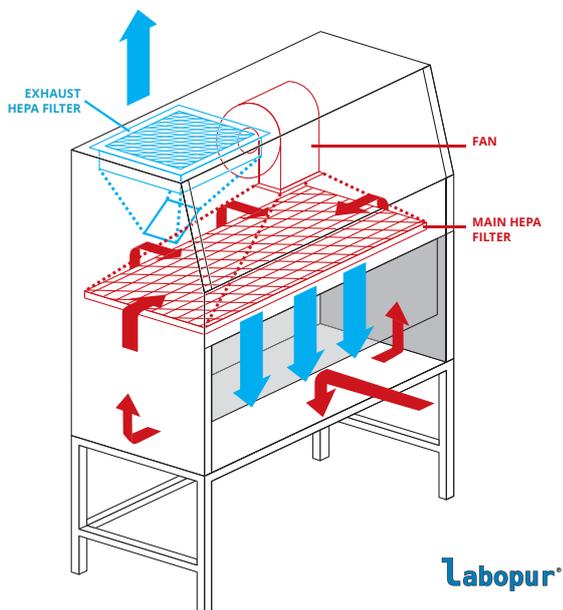




# MICROBIOLOGICAL SECURITY POSTS - CLASS II



## INTRODUCTION

Providing first-class protection for the operator, the environment and the product, Class II microbiological safety cabinets are the instruments of choice when it comes to handling dangerous microorganisms. The airflow is automatically maintained at 0.45m / s.

## NORMS

- European Directive 2007/47 / EC relating to medical devices.
- European Directive 2006/95 / EC relating to electrical equipment.
- European Directive 93/68 / CE relating to CE marking.
- European Directive 92/31 / EC and 2004/108 / EC relating to electromagnetic compatibility.
- Certified EN 12469

## ADVANTAGES

- Low noise fan and high intensity of light
- Smooth walls, rounded corners and no welds; allowing easy cleaning and decontamination
- White walls for a glare-free brightness
- Ergonomic armrest for long periods of handling
- Electronic compartment located outside the contaminated area
- Easy replacement of HEPA filters

## TECHNICAL SPECIFICATIONS

- Microprocessor control system with digital display for airflow velocity
- Two HEPA H14 filters with 99.999% efficiency for particles of  $\geq 0.3\mu\text{m}$
- System of automatic compensation of the air flow, to avoid the clogging of the filters
- On-off switch with lock
- Alarms for: power failure, control system failure, open window, low and high airflow velocity, filters clogged
- Airtight seal thanks to a cylinder on the window
- Cold-rolled sheet steel station, epoxy polyester paint 2 mm
- Removable work-top in 3 parts, in 304 stainless steel
- 2 outlets (2.5 A)
- Low voltage integrated lighting and > 1,000 lux - 55W
- Noise level below 60 dB (A)
- Power supply: 230 V, 50 Hz
- Consumption: 1,860 Watts
- 30% of the air in the work area is expelled from the HEPA exhaust filter and the remaining 70% of the HEPA filtered air is recycled through the work area. This cycle repeats continuously

References	PSM12
Outside dimensions (H x W x D) in mm	1400 x 1360 x 795
Inside dimensions (H x W x D) in mm	650 x 1190 x 600
Opening dimensions (H x L) in mm	185 x 1190
Work surface dimensions (L x P) in mm	1190 x 600
Shipping dimensions (H x W x D) in mm	1540 x 1450 x 850
Net weight (kg)	220
Raw weight (kg)	257

Other model PSM9 on request.

## OPTIONS

Main replacement HEPA filters and front exhaust wall with UV lamp (PSM9 : Length of 45 cm, power of 15W and wave length of 254 nm - PSM12 : Length of 90 cm, power of 30W and wave length of 254 nm) - Tubular stand - Gas tap - Vacuum valve.

The manufacturer reserves the right to discontinue or change specifications or designs at any time without notice and without incurring obligations. 02/2020

Flammable cabinets

Corrosive cabinets

Toxic cabinets and multirisk

Pesticide range

Fume hoods, filtering cabinets - Ventilation

Containment and Cans

Anti-fire equipments and File cabinets

Showers and first-aid equipments