

Complies with
ISO 14 644



PROTEC I

Horizontal negative-pressure station and weighing station

Dual protection

Operator and environment

HEPA filtration

Horizontal extraction

Powders and fine solids

Harmful products

Ultra-Cleanliness Solutions

Protect the product · Protect the operator · Protect the environment

 French manufacturer since 1968 · adslaminaire.com

PURPOSE

Negative-pressure hoods protect **the operator** and **the immediate surroundings** from airborne contamination, by means of horizontal extraction and **H14 HEPA filtration**.

The PROTEC I is particularly suited to handling powders, harmful products and fine solids. It can sit on a bench or on a stand.

KEY FEATURES

- COPLAST structure
- Manual or automatic regulation
- Glass chamber
- HEPA filtration
- Horizontal extraction
- Sits on a bench or on a stand



APPLICATIONS

- Powder weighing
- Pharmaceutical
- Chemistry
- Food industry
- Cosmetics
- Quality control

Horizontal extraction

The air is drawn back through the rear of the chamber, which leaves the work surface completely clear. This layout suits balances and bulky assemblies.

OPERATING PRINCIPLE

Negative-pressure hoods protect the operator and the immediate surroundings from airborne contamination by means of **horizontal extraction** and **HEPA filtration**.

The loaded air is captured at the back of the chamber, passes through the HEPA filter, and is then returned to the room free of particles. The airflow ranges from 900 to 1 700 m³/h depending on the model.

Please note: this station protects the operator, not the product. It does not deliver a sterile flow over the work zone.

DESIGN DETAILS

Glass chamber

The transparent walls give a complete view of the work and make visual checking of weighings easier.

Choice of regulation

Manual, for simple use and a lower outlay, or automatic, to compensate for filter loading and guarantee a constant airflow.

THE THREE PROTECTIONS

Protection of the environment

HEPA filtration

Protection of the operator

Horizontal extraction

AVAILABLE OPTIONS

Stand

Automatic regulation

Specific work surface

Lighting

Pre-filters

DIMENSIONS AND SPECIFICATIONS

Dimensions (mm)	PROTEC 81	PROTEC 121	PROTEC 161
	internal / overall	internal / overall	internal / overall
Width	775 / 825	1 210 / 1 260	1 515 / 1 565
Height		662 / 1 150	
Depth		520 / 880	
Weight	120 kg	150 kg	180 kg
Airflow rate	900 m³/h	1 400 m³/h	1 700 m³/h
Filtration		HEPA filter	

Source: ADS Laminaire general catalogue 2025-2026.

Catalogue 2025-2026 — Not a contractual document. We reserve the right to modify the specifications of our products without notice.

DOCUMENTS SUPPLIED ON DELIVERY

- Certificate of conformity
- Warranty certificate
- User manual in English

Commissioning and maintenance are carried out by ADS Laminaire, the manufacturer, throughout France and Europe.

OUR COMMITMENT

Engineering, manufacturing, test laboratory and after-sales service, all under one roof at our Aulnay-sous-Bois site.

A company certified **ISO 9001:2015** since 2008 and awarded the **NF 095** label since 1997. The first French company to specialise in laminar flow, since 1968.