ADS Laminaire
air dépoussiéré
stérile laminaire
FABRIQUÉ EN FRANCE

ISO 9001:2015 CERTIFIED COMPANY

MADE IN FRANCE

Compliant with NF EN 12 469



PPS

Class II B cytotoxic safety cabinet and weighing station

Triple protection
Operator, product and environment

Safe maintenance
Bag-in/Bag-out base filter

Weighing to 0.01 mg
With optional weighing marble

Ultra-Clean Solutions

Protect the product · Protect the user · Protect the environment

French manufacturer since 1968 · adslaminaire.com

INTENDED USE

Class II microbiological safety cabinets are designed to protect **the operator**, **the product** and **the surrounding environment** from any airborne contamination.

The PPS meets specific needs: handling powders, toxic products, CMR substances and non-neutralisable micro-organisms; contained sterile zone; safe maintenance; radioactive handling; cytotoxic drug reconstitution; precision weighing with optional marble.



FEATURES

- **Negative-pressure double wall** — safe, with no risk of leakage
- **304 L stainless steel interior** — one piece, no welds
- **304 L stainless work surface** — 3 perforated sections (opt.)
- **Stainless steel receptacle** — under the work surface
- **Sash interlocked with operation** — electric raising and lowering
- **Downflow filter** — with laminar flow screen
- **Profiled, removable front air intake** — comfort and easy decontamination
- **Front-access maintenance** — lift-up cover
- **Single ECM fan** — automatic control
- **Very low noise level**
- **LCD display** — airflow, filter clogging, alarms
- **Smooth surfaces** — easy to clean
- **2 built-in power sockets** — one on the left, one on the right

APPLICATIONS

- Cytotoxic drug reconstitution
- Hospitals
- Pharmaceutical
- Biotechnology
- Radioactive handling
- All handling of non-neutralisable products

Inflow velocity

The front air barrier prevents any risk of contamination escaping: the inflow velocity is at least **0.4 m/s** and protects the operator.

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Designed and made in France

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OPERATING PRINCIPLE

An **ISO 5** laminar airflow (per ISO 14644-1) is blown vertically onto the work surface after passing through a first H14 HEPA filter: this is **product protection**.

All the airflow is drawn back around the edge of the work surface, then passes through a second H13 HEPA filter located directly under the work surface, in a **Bag-in/Bag-out safety housing**. The recirculated air is therefore no longer contaminated and the fan can be accessed safely.

Part of the recirculated air is exhausted into the room through a third H14 HEPA filter. The exhausted air is offset by the front inflow: the **front air barrier**.

THE THREE PROTECTIONS

- **Environment protection**
  Exhaust through H14 HEPA filter
- **Product protection**
  ISO class 5
- **Operator protection**
  Front air barrier, velocity ≥ 0.4 m/s

COMPLIANCE

Safe maintenance: the air passes through the base filter, in a Bag-in/Bag-out system. Once cleaned, the air allows safe access to the fan.

SPECIAL FEATURES

Self-locking front cover

The self-locking cover allows easy and safe maintenance of the filters and electronics. All maintenance is done from the front.

Bag-in/Bag-out filter

The base filter is serviced with no staff contact with the filter, thanks to the attachable plastic bag.

Weighing marble

As an option, the marble allows weighing to 0.01 mg: it isolates the balance from fan vibrations, so an analytical balance can be used under airflow.

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AVAILABLE OPTIONS

- 316L stainless steel interior
- Weighing marble — weighing to 0.01 mg
- Gas / air / vacuum service inlet
- Ducting to the outside
- Pass-through airlock
- Isolator / glove box configuration (1)
- Multi-section work surface
- Germicidal UV lamp
- Additional power socket
- Activated carbon exhaust filter
- IQ / OQ qualification protocol

(1) For a very high exposure level — ICC above 3 for cytotoxics.

DIMENSIONS AND SPECIFICATIONS

Dimensions (mm)	PPS 9	PPS 12	PPS 16	PPS 18
	internal / overall	internal / overall	internal / overall	internal / overall
Width	921 / 971	1 226 / 1 276	1 531 / 1 581	1 836 / 1 886
Height	650 / 1 400 — with stand: 2 200			
Depth	616 / 786			
Weight	270 kg	330 kg	420 kg	510 kg
Power	1.4 kW	1.4 kW	1.5 kW	1.5 kW

Source: ADS Laminaire general catalogue 2025-2026.
INF-COM-28 Rev2 — Non-contractual document. We reserve the right to change the specifications of our products without notice.

DOCUMENTS SUPPLIED ON DELIVERY

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

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

OUR COMMITMENT

Design, manufacturing, test laboratory and after-sales service all on our Aulnay-sous-Bois site.

Company certified **ISO 9001:2015** since 2008 and **NF** labelled since 1997. A French company specialising in laminar flow since 1968.

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