

# AS 3000 - Aerosol & iodine sampler

Trapping of iodine and aerosols, in compliance with NF ISO 2889 standard

The AS 3000 is designed to sample aerosols and iodine on filter paper and cartridge.

The AS 3000 is fitted with many technological innovations and has useful features such as automatic regulation of air flow and data storage on USB key.

The AS 3000 is easy to use, robust, efficient and very versatile, specially designed for people working in air monitoring.



## Features

- Quick start mode with memorizing of last setting.
- Setting menu :
  - Setting of the airflow from 10 to 50 L/min.
  - Setting of the date and time
  - Setting of the sampling time.
- Backlit LCD display indicates in real time :
  - air flow rate
  - volume of the current cycle
  - duration of the current cycle
  - ID number of filter
  - date and time
  - cumulated volume
- Data recovery (sampling number, sampling date, sampling time, sampled air volume) via USB key. The data file is in txt or Excel format.



## Choice of the filter holder

AS 3000 is compatible with all filter holders of our range RV-XX, IL-XX et TPHP. It can be used with in-line filter holder on pipe, or with an open face filter holder for ambient air monitoring.

AS 3000 is compatible with all carbon cartridges currently used for iodine sampling.

Each filter holder can be installed on the AS 3000 either on a vertical axis or on a horizontal axis depending on the type of sample to achieve.



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## Benefits

- Automatic regulation of air flow from 10 to 50 L/min.
- Diaphragm pump (maintenance free).
- Compatible with all sizes of cartridges and filter papers.
- Mass flowmeter: no measurement influence in case of temperature or pressure change of air sampling.
- Separate pump unit: easy cleaning.
- Installation of the sampling head by quick fitting on horizontal or vertical axis, for open face or in-line sampling.
- Available in AC (230V / 50Hz) and/or with internal battery.

## Technical Specifications

- Dimensions: W x H x D = 320 x 160 x 380 mm
- Weight (without battery): 7,8 kg.
- Power supply: 230 Volts / 50 Hz
- Cordon secteur prise IEC
- Max power: 150 Watts
- 16 key Aluminum control panel with water proof lexan protection
- Display: Blue backlit four-line LCD screen
- Aluminium frame
- Carrying handle in glass fiber reinforced polyester
- Decontaminable polyester powder paint, RAL 5010.

## AS 3000 scanner option

Scanner option allows reading of flash codes.

The customer can edit via his computer flash codes containing text or numbers informations and identify the filter or a specific location.

At the end of sampling, data previously transmitted via the flash code with the date of the day, sampling time and sampling volume are stored in the AS 3000 memory.



16 key aluminium made control keyboard with waterproof Lexan protection.

## Li-Fe battery option

With this option, the AS 3000 can be powered via AC or battery. Thanks to the integrated charger, the equipment operates and recharges via a simple power supply cable.

Technical specifications:

Autonomy: 10 hours at 45 L/min

Full charging time: 3 hours minimum

Battery efficiency: 98 %

Weight of AS 3000 with battery: 11 kg.



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