

AS 3000 - AEROSOL & IODINE SAMPLER

Iodine and aerosols sampling

The AS 3000 is an equipment for aerosol and iodine sampling on paper filters and cartridges, in ambient and environmental conditions, in accordance with NF M60-760 and NF M60-759 standards.

The AS 3000 benefits from many technological innovations and has very useful functions such as automatic air flow regulation and data transfer to a USB key.

The AS 3000 is easy to use, robust, efficient and, above all, very versatile equipment, specially designed for people working in restrictive environments.



AS 3000 configured for ambient sampling (sampling on horizontal axis)



AS 3000 configured for ambient sampling (sampling on vertical axis)

BENEFITS

- Automatic air flow regulation from 10 to 32 NI / min
- Diaphragm pump (no maintenance)
- Compatible with all major cartridge and filter paper formats
- Mass flow meter: standardised flow rate
- Operation and alarm reporting via relay contact (T.O.R.)
- Installation of the sampling head by quick fixing on horizontal or vertical axis
- Available in mains and/or battery version
- Two possible configurations: ambient or stack sampling

MAIN FEATURES

- Quick start mode by memorizing the last programming
- Programming menu:
 - * air flow rate adjustment from 10 to 32 NI / min (excluding filter) (excluding filter) with automatic flow regulation
 - * Date and time setting
 - * setting of the duration of the sampling
- Backlit LCD display with energy saving which indicates in real time: the sampling flow rate, the volume drawn from the current cycle, the duration of the current cycle, the filter number, the date and time, the accumulated volume
- Data retrieval on USB key
- Acoustic alarm in case the setpoint withdrawal rate is not respected
- T.O.R. output for remote fault reporting on a supervision system
- Air flow rate regulated and measured by a hot wire mass flow meter



AS 3000 configured for duct sampling

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TECHNICAL SPECIFICATIONS

Mass flow meter	regulated and standardised flow rate
Flow rate	from 10 to 32 NI / min (0,6 to 1,8 m ³ /h)
Pump	diaphragm pump
Max. power	175 Watts
Dimensions	320 x 160 x 380 mm
Weight	7,5 kg
Lithium battery option	autonomy: 10h / weight with battery: 10kg

POSSIBLE CONFIGURATIONS OF THE AS3000

- AS3000 vertical ambient sampling 220V
- AS3000 horizontal ambient sampling 220V
- AS3000 vertical ambient sampling + 24V battery
- AS3000 horizontal ambient sampling + 24V battery
- AS3000 vertical sampling 220V 50Hz

AEROSOL SAMPLING HEADS

These holders are used for aerosol sampling on paper filters. They can be used for ambient sampling or for connection to a line.

		
RVPH series	ILPH series	RVA series
Open face, only paper filter with quick connect plug	Inline, only paper filter with plug and socket quick connect	Adapter cone for RV bracket for inline sampling
		
RVH series	ILFH series	Cartridge holder
pen face, paper filter and cartridge with quick connect plug	Einline, paper filter and cartridge with plug and socket quick connect	Allows to create a train of several cartridges

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