



SOLUTIONS TECHNOLOGIQUES POUR L'ENVIRONNEMENT

AM3000N AEROSOLS MOBILE SAMPLER

*Sampling of aerosols in compliance
with NF ISO 20044 & NF M60-759 standards*



DESCRIPTION

The AM3000N is an aerosols sampler specially designed for nuclear contamination risk environments. Thanks to its weight and small footprint, it can easily be transported.

Reliable and precise, this sampler allows automatic regulation of air flow using a microcontroller and a mass flow meter. The AM3000N is controlled by infrared remote control to limit its direct manipulation.

ADVANTAGES

- Light weight for easy handling and transportation.
- Infrared remote control to limit direct contact.
- Possibility of pre-programming for delayed sampling.
- Self-sealing quick connector for the sampling head.
- LED indicator to indicate faults during sampling.
- Automatic flow regulation according to ambient temperature and pressure conditions

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FEATURES

- Setting menu allowing management and storage of up to 16 programs, with possible delayed start.
- Lithium-ion battery integrated and confined in a protective case against shocks, which also improves its thermal stability.
- Sampling data export in CSV format via USB port.
- Visualization of sampling data on a smartphone using a text or Excel file reading application using a USB/micro-USB cable (optional)
- Continuous monitoring of the sampling air flow, with preventive shutdown in case of deviation of ± 10 for more than 10 seconds.
- Automatic regulation of the sampling air flow in two configurations:
 - At real pressure and temperature conditions
 - Normalized to 1013.25 HPa and a normalization temperature adjustable from 0 to +25 °C.



TECHNICAL SPECIFICATIONS

	AM3000
	Technical
Air flow	15 to 30 LPM
Autonomy	Higher than 24h (at 20 °C, RH <90% and 20 LPM air flow)
	Environmental
Operating T°	0 to +40 °C
Display	Backlit LCD screen
Protection index	IP65
	Mecanical
Dimensions W x H x D (mm)	185 x 369 x 295
Weight	10 kg
	Electrical
Power supply	230V / 50Hz
Max power	17 W

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