Coriolis® Micro

Microbial air sampler for bio-contamination control

- Airborne particles concentration in a liquid sample
- Technology adapted to collect virus (including SARS-COV-2), bacteria, molds, pollens, spores...
- Compatible with culture and molecular biology standard methods

bertin
health & life sciences

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CORIOLIS® MICRO

AIR SAMPLER COMPATIBLE WITH ANY TYPE OF ANALYSIS

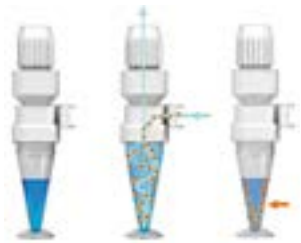
Coriolis µ is an innovative biological air sampler for bio-contamination assessment, mainly dedicated to air quality control and air quality monitoring in environmental and pollution research, pharmaceutical, food and veterinary industries, biomedical and health environment…

Based on a wet cyclonic technology, combined to a high air flow rate, Coriolis µ offers the most efficient particles collection in 10 minutes. The sample liquid output is compatible with any type of biological analysis to obtain reliable results in only few hours.

Benefits

- High air flow rate & long time monitoring option - up to 6 hours
- Ready-to-use for biological analysis
- Split up your sample for different analysis Bio-contamination results beyond the cultivable flora
- Validated method by third parties - conforms to ISO 14698

Technology



1. Sterile cone prefilled with specific liquid sample
2. Air is aspirated and drawn into the cone forming a vortex
3. Particles in the air are centrifuged in the cone's walls
4. Collected particles are recovered by rinsing the cone.

Applications


Pollution & Environment


Food / Pharma / Veterinary / Industry


Biomedical & Health


Research & Development

Technical features

Dimensions	22 x 33 x 36cm
Weight	2,8kg (with battery) 4,3kg with option
Air flow rate	100 to 300L/min
Sampling time	1-10min / up to 6h
Liquid output volume	15mL
Collected particles sizes	> 0.5µm
Collection efficiency	D50 <0,5µm
Autonomy on battery	1hour
Autonomy	1h (collection time)
Decontamination	Hydrogen peroxide
Catalogue reference	P001080-CORM0-A

Discover our comprehensive range of solutions

Discover our solutions

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