

Coriolis+



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

CORIOLIS+

AIR SAMPLER COMPATIBLE WITH ANY TYPE OF ANALYSIS

Coriolis+ 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...

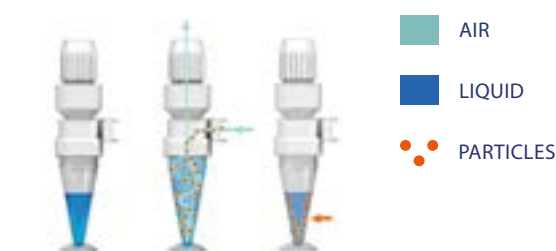
Based on wet cyclonic technology combined with a high airflow rate, Coriolis+ offers the most efficient particle collection in just 10 minutes. The sample liquid output is compatible with any type of biological analysis, providing reliable results in only a

few hours. Additionally, the device's cyclonic technology operates quietly at just 66 dBA.

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 pre-filled 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

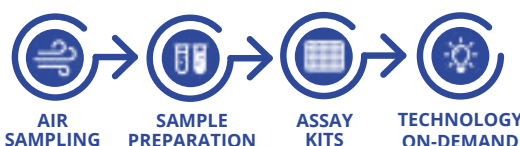


Research & Development

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	2hour
Autonomy	1h30 at 25°C at 300L/min (collection time)
Decontamination	Hydrogen peroxide
Catalogue reference	P001080-CORM0-B

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