

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



CORIOLIS® MICRO

AIR SAMPLER COMPATIBLE WITH ANY TYPE OF ANALYSIS

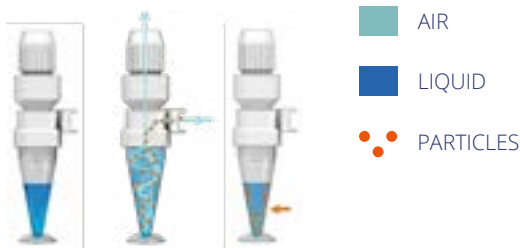
Coriolis μ is an innovative biological air sampler for bio-contamination assessment, mainly dedicated to air quality control and air quality monitoring in environmental and pollution research, pharmaceutical, food and veterinary industries, biomedical and health environment...

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

Discover our comprehensive range of solutions



Discover our solutions