



coriolis
Microbial Air Sampler



Coriolis® MICRO



Microbial air sampler for air bio-contamination control

- Airborne particles concentration in a liquid sample
- Technology adapted to virus, 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 analysis to obtain **reliable results in only few hours**.

Applications:



Pollution & Environment



Food / Pharma / Veterinary / Industry



Biomedical & Health

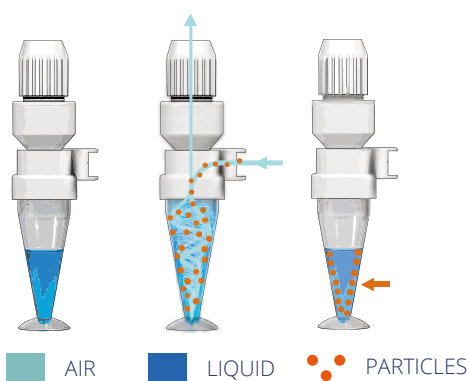


Research & Development

Benefits:

- High air flow rate & long time monitoring option - up to 6 hours
- Access to alternative technical 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 are centrifuged into the wall of the cone and separated from air
- 4 - Contaminants in the liquid sample are ready for analysis

Coriolis Air Sampler Range

Discover the full range of dedicated consumable



Sterile collection liquid doses



Sterile and non sterile cones & caps



Long time monitoring option



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

15mL

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

CATALOG NUMBER

P001080-CORM0-A