



**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



MONITOR THE INVISIBLE

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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 analysis to obtain **reliable results in only few hours**.

## Applications:



Pollution & Environment



Food / Pharma / Veterinary / Industry



Biomedical & Health

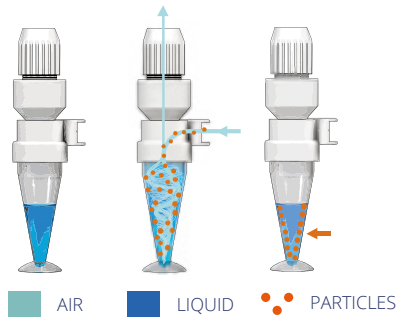


Research & Development

## 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 pre-filled 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 μm

**COLLECTION EFFICIENCY**  
D50 <0,5μm

**AUTONOMY ON BATTERY**  
1 hour

**AUTONOMY**  
1h (collection time)

**DECONTAMINATION**  
Hydrogen peroxide

**CATALOG NUMBER**  
P001080-CORM0-A

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