



**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  $\mu$  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  $\mu$  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

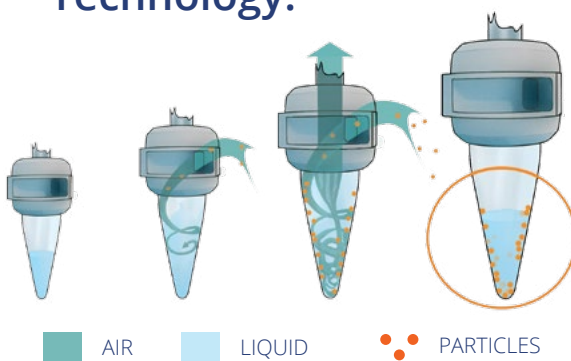


Research & Development

## 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



## 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  $\mu$ m

### COLLECTION EFFICIENCY

D50 <0,5 $\mu$ m

### AUTONOMY ON BATTERY

1 hour

### AUTONOMY

1h (collection time)

### DECONTAMINATION

Hydrogen peroxide

## Coriolis Air Sampler Range

Discover the full range of dedicated consumable



Sterile collection liquid doses



Sterile and non sterile cones & caps (single use)



Long time monitoring option