

# Coriolis<sup>®</sup> MICRO

## Microbial Air Sampler



**Microbial air sampler for air bio-contamination control...**

**Air sampler compatible with any type of analysis**

Coriolis MICRO 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 MICRO 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.



Pollution & Environment



Food/Pharma/Veterinary/Industry



Biomedical & Health

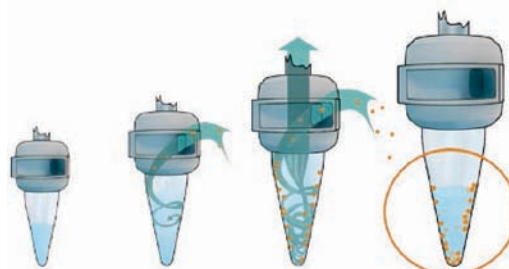


Research & Development

### 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



■ AIR   ■ LIQUID   ●● PARTICLES

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

### 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 SIZE	> 0.5 µm
COLLECTION EFFICIENCY	D50 <0,5µm I
AUTONOMY ON BATTERY	1 hour
AUTONOMY	1h (collection time)
DECONTAMINATION	Hydrogen peroxide

