Coriolis® 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.

**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
- **AUTONOMY ON BATTERY**: 1 hour
- **AUTONOMY**: 1h (collection time)
- **DECONTAMINATION**: Hydrogen peroxide

**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