



## Coriolis® MICRO

(COPIOLIS

Microbial Air Sampler



# 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 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: PARTICLES** AIR LIQUID

- 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 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 µm

**COLLECTION EFFICIENCY** D50 <0,5µm

**AUTONOMY ON BATTERY** 1 hour

**AUTONOMY** 1h (collection time)

**DECONTAMINATION** Hydrogen peroxide

**CATALOG NUMBER** P001080-CORM0-A

#### **Coriolis Air Sampler Range**

Discover the full range of dedicated consomable



Sterile collection liquid doses



Sterile and non sterile cones & caps



Long time monitoring option