

# Coriolis® Biological Air Samplers



## Coriolis® innovative air samplers for air bio-contamination control

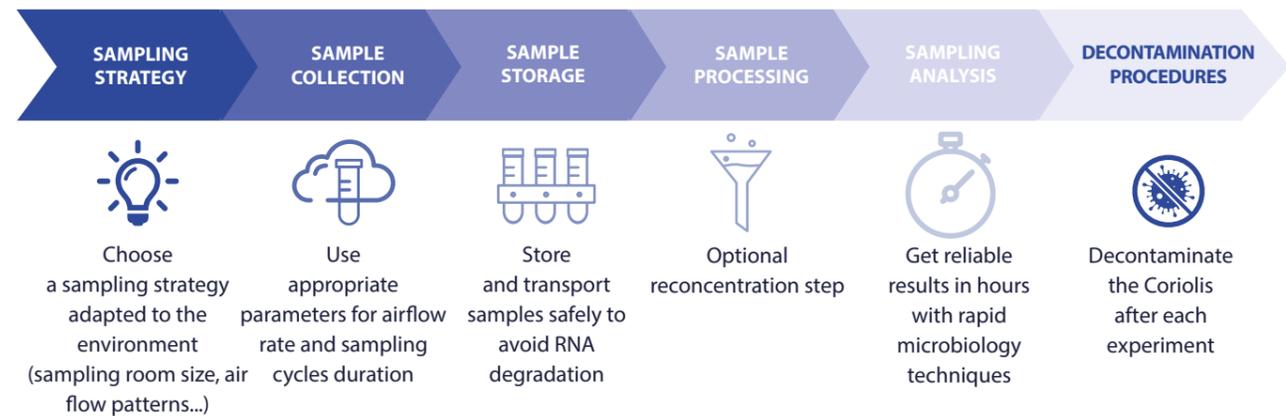
- Indoor & Outdoor sampling
- Collect any biological sample
- Compatible with multiple downstream analysis

# Air contamination: a worldwide issue for public health

The Coriolis air samplers can collect biological particles in the air, offering new perspectives for the monitoring of airborne contamination.

- A versatile range of instruments to meet your needs
- Patented technologies adapted to the collection of viruses, bacteria, molds, pollens, spores
- Sample output compatible with standard methods for culture and molecular biology

## WORKFLOW

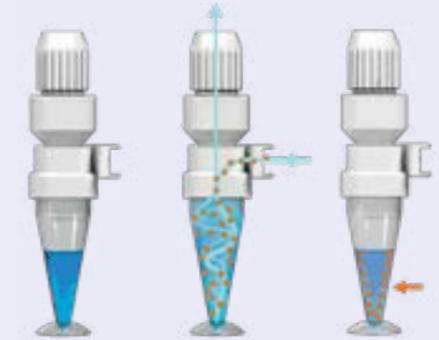


# Coriolis: a range of solutions for air monitoring

The Coriolis range was developed to go beyond the traditional technical performances of airborne bio-contamination control.



## CORIOLIS MICRO AIR SAMPLER COMPATIBLE WITH ANY TYPE OF ANALYSIS



- The cone is pre-filled with a collection liquid
- Aspirated air runs into the cone and forms a vortex
- Particles are centrifuged into the cone walls and trapped into the collection liquid
- Particles in the liquid sample are ready for analysis

## RESEARCH AREAS



Pollution & Environment



Biomedical & Health



Indoor Air Quality



Food, Pharma, Veterinary & Industry



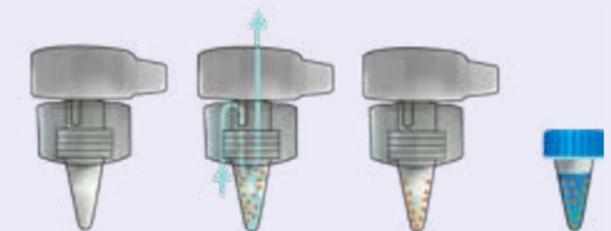
Research & Development



Defense & Civil Security



## CORIOLIS COMPACT PORTABLE DRY AIR SAMPLER FOR BIOCONTAMINATION CONTROL



- The cone is placed into the device and locked
- Aspirated air runs into the cone and forms a vortex
- Particles in the air are centrifuged into the cone walls
- Collected particles are recovered by rinsing the cone
- Remote control with Bertin Connect Application

**COROLIS MICRO**  
P001080-CORM0-A

**Technology:** wet

**Dimensions:** 220 x 330 x 360mm  
**Weight:** 2.8kg.

**Noise:** 70dBa at 300L/min

**Use temperature:** between + 5 / + 40°C

**Autonomy:** 1h  
**Battery:** NiMH

**Air flow:** 100-300L/min

**Collect any biological sample**

**Use:** indoor & outdoor

**Downstream analysis:** multiple  
> Culture/PCR



**COROLIS COMPACT**  
P002055-CORC0-A

**Technology:** dry

**Dimensions:** 255 x 135 x 130mm  
**Weight:** 1.42kg.

**Noise:** 62dBa

**Use temperature:** between +5 / +45°C

**Autonomy:** max 8h at 20°C  
**Battery:** Li-Ion

**Air flow:** 50L/min

**Collect any biological sample**

**Use:** indoor & outdoor  
Bluetooth

**Downstream analysis:** multiple  
> Culture/PCR



Discover our solutions

**Bertin health & life sciences and Bertin Bioreagent:  
Comprehensive Life Sciences Solutions**

