



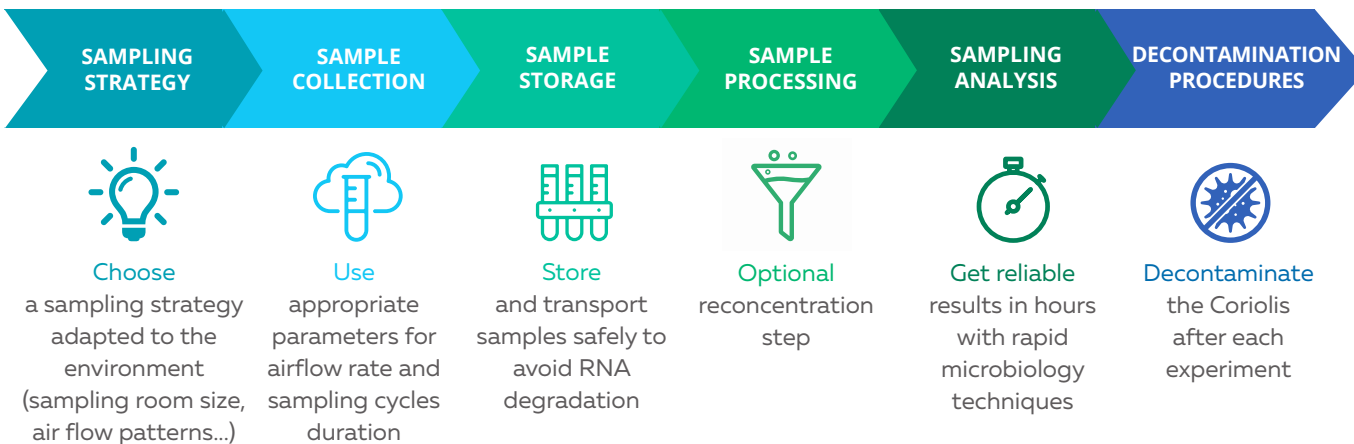
# COROLIS: BIOLOGICAL AIR SAMPLERS

# Air contamination: a worldwide issue for public health

**Coriolis Air Samplers** collect biological particles in the air hence offering new perspectives on the control 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



## RESEARCH AREAS



Pollution & Environment



Biomedical & Health



Indoor Air Quality



Food, Pharma,  
Veterinary & Industry



Research &  
Development



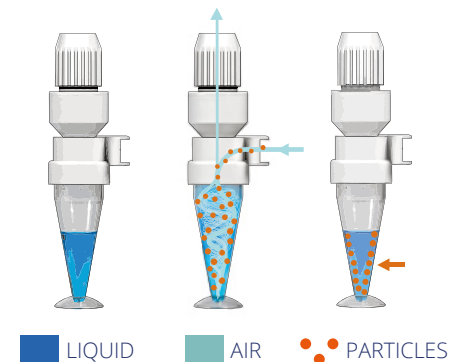
Defense & Civil Security

# 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.

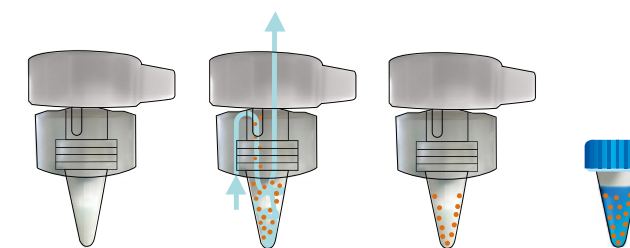


## CORIOLIS MICRO AIR SAMPLER COMPATIBLE WITH ANY TYPE OF ANALYSIS



- Cone is pre-filled with specific liquid sample
- Air is aspirated and drawn into the cone forming a vortex
- Particles are centrifuged into the cone walls and trapped into the collection liquid
- Particles in the liquid sample are ready for analysis

## 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





# Technology

## CORIOLIS MICRO P001080-CORM0-A

**Technology:** wet

**Dimensions:** 220 x 330 x 360 mm

**Weight:** 2.8 kg.

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

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

**Autonomy:** 1h

**Battery:** NiMH

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

**Collect any biological sample**

**Use:** indoor & outdoor

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



## CORIOLIS COMPACT P002055-CORCO-A

**Technology:** dry

**Dimensions:** 255 x 135 x 130 mm

**Weight:** 1.42 kg.

**Noise:** 62 dBa

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

**Autonomy:** max 8h at 20°C

**Battery:** Li-Ion

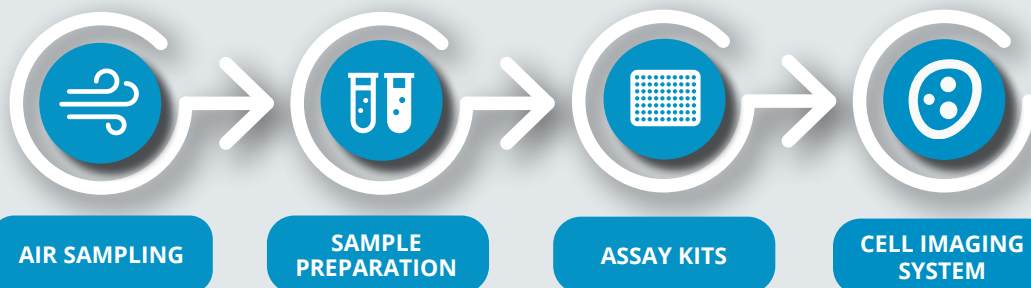
**Air flow:** 50 L/min

**Collect any biological sample**

**Use:** indoor & outdoor  
Bluetooth

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

## BERTIN INSTRUMENTS & BERTIN BIOREAGENT: COMPREHENSIVE LIFE SCIENCES SOLUTIONS



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