

Coriolis[®] μ

AEROBIOCONTAMINATION CONTROL INSTRUMENT

Portable Air Sampler for bio-aerosol collection

FUNGI, BACTERIA, POLLEN...

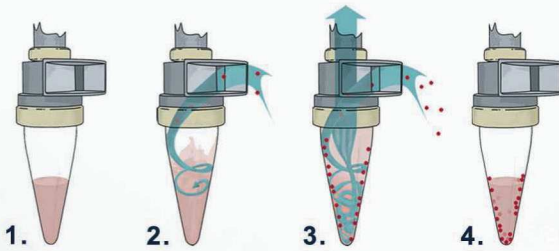


The perfect solution for air biocontamination control

- High efficiency over a wide range of captured micro-organisms
- Liquid sample output compatible with all types of analysis
- Multiple environments control: laboratories, clean rooms, etc.
- Light, compact and easy to handle

Principle

Air and particles come into the cone forming the vortex. After being centrifuged on the cone's inner surface, the particles are concentrated in the liquid.



■ Air
■ Collection liquid
● Particles

Efficient biological particles collection

Coriolis μ is a portable cyclonic air sampler dedicated to collect biological particles in the air: bacteria, fungi, pollen...

Delivering a liquid sample: compatible with all detection technologies including immunoassay, PCR, flow cytometry, microbiology.

Efficiency: Coriolis μ is the perfect solution to collect a large panel of micro-organisms even if their concentration in the air is very low such as in clean room. Coriolis μ offers a highly representative sample of the biological contents of the air.

Cross contamination free: using sterile and single use cones.

Flexible and easy protocol: air flow rate, collection time, and a deferred start can be set.

Portable: Light, compact and easy to handle, Coriolis μ is adapted to areas with low accessibility and low space.

Technical specifications

- **Patented technology**
- **Dimensions:** 216 x 298 x 118 mm
- **Weight:** 3 kg
- **Power consumption:** 140 W
- **Particles size:** > 0,5 μm
- **Noise:** 65 dB at 200 L/min
- **Power requirements:** 100 - 240 V, 2A
50 - 60 Hz

Options



Integrated bar code reader
➤ for traceability



Data management

- Bluetooth connection adapter
- Data management software

Settings

- **Air flow rate:** 100 to 300 L/min
- **Collection time:** 1 to 10 minutes
- **Sample volume:** 10 to 16 mL



Liquid injection unit

- Easy to take apart
- Connection without cable
- Up to 2 hours of collection
- Autoclavable flask of 125 ml



Tripod

- 1 m high