

Coriolis[®] COMPACT

Microbial Air Sampler



Portable dry air sampler for bio contamination control:

The Coriolis[®] Compact is a dry cyclonic collector intended for unicellular air monitoring. Light and compact, it can be easily transported and positioned on strategic places for indoor and outdoor sampling. Its innovative dry cyclonic technology aspirates the particles with an airflow of 50L/m & centrifuges them in a cone. The collected particles or microorganisms can then be recovered by rinsing consumable with appropriate buffer solution, so the sample is compatible with multiple downstream analysis (NGS, qPCR, Culture). The Coriolis[®] Compact gives access to highly sensitive and specific results in only a few hours

Due to an improved battery autonomy, it performs up to 8 hours of continuous sampling. Bertin provides single use consumable to avoid cross contamination.



Pollution & Environment



Food/Pharma/Veterinary/Industry

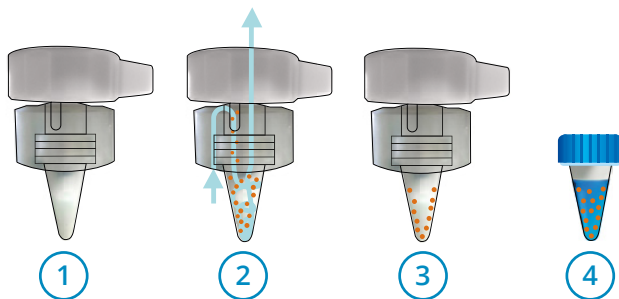


Biomedical & Health



Research & Development

Innovative dry cyclonic technology:



- 1 - The cone is placed on the device and locked
- 2 - Aspirated air runs into the cone & forms a vortex
- 3 - Particles in the air are centrifuged in the cone's walls
- 4 - Collected particles are recovered by rinsing the cone.

FEATURES

DIMENSIONS	255 x 135 x 130 Mm
WEIGHT	1.2 kg (battery included)
COLLECTION TIME	From 1 minute to 8 hours
TEMPERATURE RANGE	+5°C to +45°C
FLOW	50 L/min.
LIQUID OUTPUT VOLUME	15mL
COLLECTED PARTICLES SIZE	From 500 nm. to 10 µm.
COLLECTED PARTICLES TYPE	Bacteria, viruses, molds...
AUTONOMY ON BATTERY	8 hours in operation
DECONTAMINATION	H ₂ O ₂
PART NO.	P002114-CORC0-A.0

