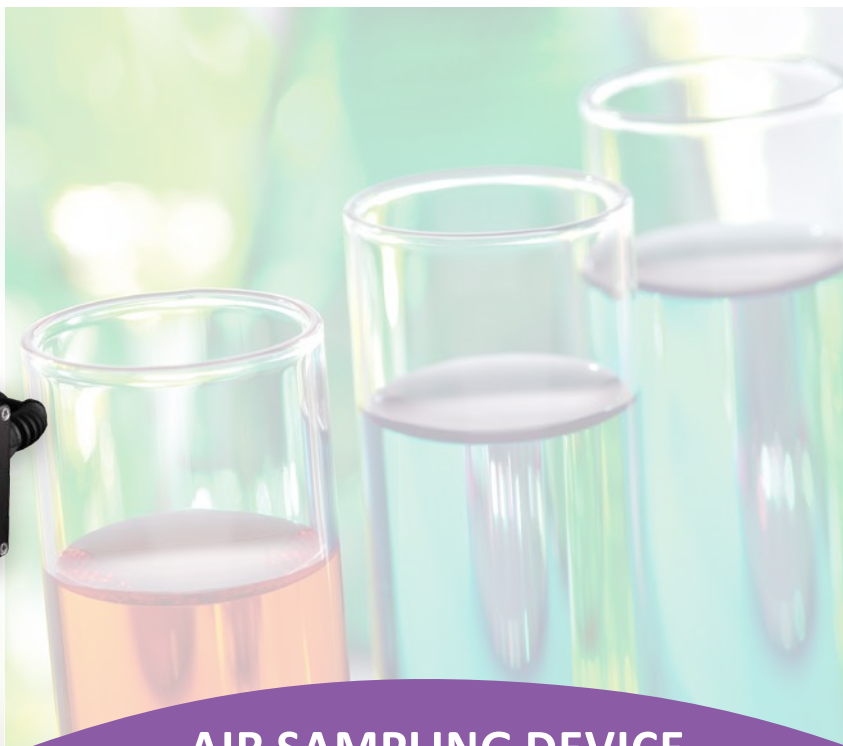


Designed for testing ambient air quality in households, public real estates or other properties where doubts of impurity exist.



- Unique feature: three simultaneous samples
- Provides remarkable time saving in sampling
- Delivered calibrated and ready to use
- Reliable and accurate sampling with proven Kytola flow meters

ISO 9001 ISO 14001



AIR SAMPLING DEVICE WITH SIX-STAGE CASCADE IMPACTORS

DEVICE

- Flow meters with flow adjustment valves
- Fixed, programmable timer switch
- Compatible hoses with quick connectors
- Vacuum pump 230 VAC, optionally 120 VAC

OPTIONS

- Andersen-type six stage viable cascade impactors
- NOTE! Petri dishes for the impactors are not included in the delivery, they must be purchased locally.
- Flow meter for volatile organic compound (VOC) sampling

TYPICAL APPLICATIONS

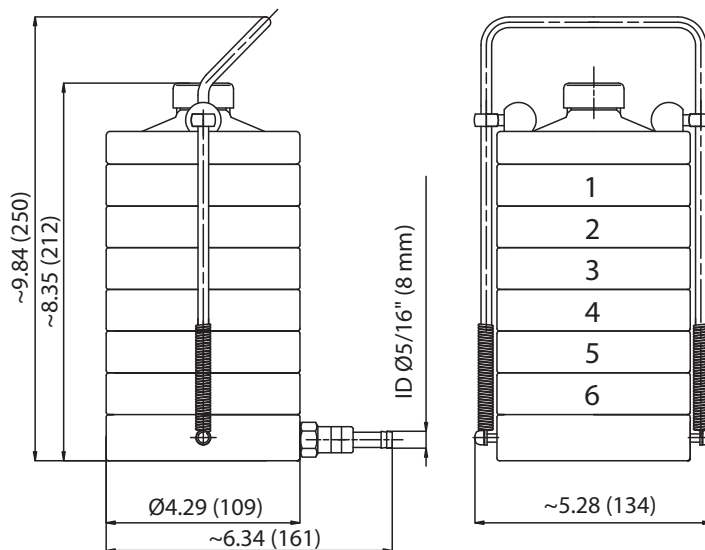
- Examining fungal contamination in case of moisture damage
- Medical mask and personal breathing mask testing

Model X-QE02

Flow range air	0.3–1.6 SCFM (*0.2–2.8 SCFH for VOC sampling) 5–42.5 NL/min (*0.1–1.2 NL/min for VOC sampling)
Power supply	120 VAC or 230 VAC
Ambient temperature	+32...+104°F (0...+40°C)
Connections	Quick hose connection, hose inner Ø 5/16" (8 mm), length 6 ft (1.8 m)
Weight	27 lbs (12.4 kg) incl. pump, flow meters *On special request

X-QE02- ■ - ■ ■ ■

Number of measuring points		
3	3	
3+1 optional for VOC sampling	4	
Supply voltage		
120 VAC	1	
230 VAC	2	
Flow range		
5–42.5 NL/min (VOC 0.1–1.2 NL/min)		R
0.3–1.6 SCFM (VOC 0.2–2.8 SCFH)		T
Andersen-type six-stage viable cascade impactor		
Without impactors		0
1 impactor		A1
2 impactors		A2
3 impactors (standard selection)		A3



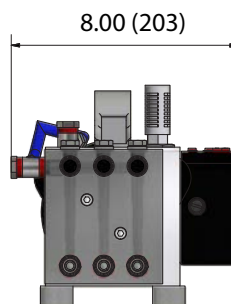
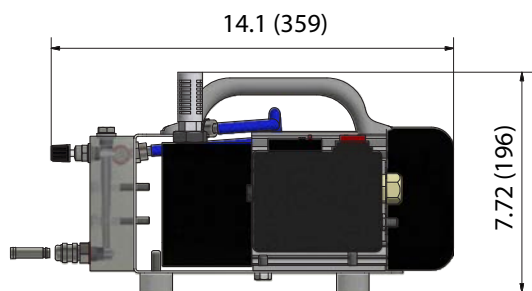
Optional accessory: Andersen-type six-stage viable cascade impactor

Stage **d₅₀, size of particle [µm]**

1	7.0
2	4.7
3	3.3
4	2.1
5	1.1
6	0.65

D50 size

Theoretical efficiency d₅₀ for Kytola six-stage Andersen-type impactor: d₅₀ is the size of particle captured with 50% efficiency on each stage, that means 50% of particles are captured on Petri dish and 50% passes the stage.



NOTE: Measurements in the drawings in this datasheet are in inches (and millimeters) if not stated otherwise.