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Gascheck™ Basic

Sorbent tubes sequential samplers

- 6 position sequential sampling device
- Auto-seal sorbent tube system: during sampling, all other stored sorbent tubes are sealed to prevent sorbent cross contamination
- Suitable for use with 8x110, 10x110, 6x70 and TD 6,35 mm OD sorbent tubes
- IP55 outdoor shelter
- Weight 7 kg
- Dimensions 29x37x14 cm (LxHxP)

Each GasCheck basic, consist of 6 sorbent tube sampling support for standar chemical sorbent tubes or thermal desorption 6,35 mm OD sorbent tubes.

GasCheck Basic and AirCube samplers options

The GasCheck Basic sorbent tubes sampling devices, should be connected with a portable AirCube sampling pump, in both models COM2-TH and Gas-Pro. Each sampler ha a specific aspirating flow range:

- **AirCube COM2-TH:** 0,4 to 30 liters per minute, support correctly all sorbent tubes in a middle and high flow range (400 ml/minute to 2000 ml/minute). The COM2-TH can also support TSP sampling protocols and PM sampling with US-EPA impactor.

VOC with 400mg charcoal coconut sorbent material	400-600 ml/minute
Formaldehyde with Silica+DNPH sorbent material	EPA-IP6A: up to 1000 ml/mi
Formaldehyde with Silica+DNPH sorbent	EPA-TO11A: up to 2000 ml/min

material

PNA (Polynuclear Aromatic Hydrocarbons) Up to 2000 ml/min

XAD-2

- **AirCube GAS-PRO:** 40 ml to 2000 ml/minute, correctly support all kind of sorbent tubes sampling needs. Extremely accurate on low flow and controlled with a mass flow meter, it is specially suitable for thermal desorption sorbent tube in the standard OD range of 6,35 mm and offer a strong back pressure compensation. The AirCube GasPro sampler, can support flow range also for standard chemical desorption sorbent tubes up to 2000 ml per minute.

VOC with thermal desorption tube EPA TO-17: up to 66,7 ml/min

VOC with 400mg charcoal coconut sorbent material 400-600 ml/minute

Formaldehyde with Silica+DNPH sorbent material EPA-IP6A: up to 1000 ml/min

Formaldehyde with Silica+DNPH sorbent material EPA-TO11A: up to 2000 ml/min

PNA (Polynuclear Aromatic Hydrocarbons) Up to 2000 ml/min

XAD-2

AirCube sampler technical specifications AirCube GasPro sampling flow range is between 40 ml/min and 2000 ml/min

- AirCube COM2-TH sampling flow range is between 0,4 l/min and 30 l/min
- Automatic back pressure compensation on sampling flow rate
- Flow control system with mass flow sensor with 1% accuracy (GasPro)
- Flow control system with volumetric flow sensor with 2% accuracy (COM2-TH)
- Sampling data handling stored in the memory and program user selectable by main menu
- Sampling programs selectable by time, flow and volume
- User interface with RS232 and USB ports
- SDC Software for data download and report
- Temperature detection at flow measurement point
- Ambient barometric pressure detection with different measurement units
- Aluminum outdoor shelter
- Option wind velocity and direction sensors available
- Option GSM modem available
- Power source 220V-AC
- Dimensions 26x26x26 cm (LxWxH)
- Weight 7 kg

The GasCheck Basic sampling system, is the ideal option to collect gas and vapors pollutant trough solid sorbent tubes inside or outside monitoring stations. The GasCheck Basic module can be positioned on the cabinet wall and the portable sampler in a separate position (max.2 mt). Each AirCube sampler, can handle up to two modules for a total of 12 sorbent tube sampling option. The user can select each sampler with an individual sampling strategy (flow, volume and time) and all data will be stored in the sampler memory ready to be retrieved by SDC software.

Both samplers can be powered with a 220V-AC or with their battery pack PowerPack (Option).
The GasCheck module is supplied with a standard heavy duty tripod stand and user manual.

[Order table](#)





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The GasCheck Basic sorbent tube sequential sampling device, is a portable option to collect gasses and vapors sequentially, using an external sampling portable pump AirCube.

- [Environmental monitoring](#)
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