

Ventilation and Hygiene Meters

Ventilation and Hygiene Meters to Protect against Viruses in the Winter

It has been proven that good ventilation can reduce the concentration of virus-contaminated aerosols in the room air. When we breathe, the air is not only enriched with CO₂ but also with tiny particles that float in the air that can potentially be contaminated with viruses. The concentration of these particles can be monitored with aerosol meters.

We would like to show you some of our air quality meters for CO₂ and aerosols. We also recommend a ATP hygiene tester which can be used to check the cleaning success on surfaces and in water:



Carbon Dioxide Meter PCE-CMM 5

- ▶ CO₂ measurement 400 ... 5,000 ppm
- ▶ Numerical display with traffic light function
- ▶ Graphical display with 5-hour history
- ▶ Temperature and humidity
- ▶ Battery and power adapter operation

Aerosol Monitor PCE-RCM 15

- ▶ Particle sizes 1, 2.5 and 10 microns
- ▶ Display in µg/m³ with traffic light function
- ▶ Formaldehyde HCHO (CH₂O) in mg/m
- ▶ Temperature and humidity
- ▶ TVOC - volatile organic compounds
- ▶ Alarm function



Carbon Dioxide Meter

Carbon Dioxide Meter PCE-CMM 10

- ▶ CO₂ measurement 400 ... 5,000 ppm
- ▶ Traffic light function (red colouring of the display)
- ▶ Alarm for CO₂
- ▶ Temperature and humidity
- ▶ Battery and power adapter operation



Carbon Dioxide Meter PCE-AQD 10

- ▶ CO₂ measurement 0 ... 4,000 ppm
- ▶ Data memory: SD card max. 16 GB
- ▶ Storage rate selectable from 1 s to 600 s
- ▶ Temperature and humidity
- ▶ RS232 interface



CO₂ and Aerosol Monitor PCE-RCM 12

- ▶ CO₂ measurement 0 ... 9,999 ppm
- ▶ Aerosols as 2.5 and 10 microns particles
- ▶ Formaldehyde HCHO (CH₂O)
- ▶ Temperature and humidity
- ▶ Traffic light function for CO₂, particles, HCHO
- ▶ Memory for 5,000 data sets



Aerosol Monitors

Air Sampler PCE-RCM 10

- ▶ Particle sizes 2.5 and 10 microns
- ▶ Particle display in $\mu\text{g}/\text{m}^3$
- ▶ Graphical history
- ▶ Temperature and humidity
- ▶ Traffic light function for particles



Aerosol Monitor PCE-RCM 11

- ▶ Particle sizes 2.5 and 10 microns
- ▶ Formaldehyde HCHO (CH_2O)
- ▶ TVOC (volatile organic compounds)
- ▶ Temperature and humidity
- ▶ Traffic light function for particles, HCHO , TVOC
- ▶ Memory for 5,000 records

Aerosol Monitors PCE-MPC 20 und PCE-MPC 30

- ▶ Particle sizes 0.3, 2.5 and 10 microns
- ▶ Cumulative or differential counting
- ▶ Traffic light function for particles
- ▶ Temperature and humidity
- ▶ Dew point and wet bulb temperature
- ▶ Memory for 5,000 data records
- ▶ **PCE-MPC 30** with HCHO



Aerosol Monitors

CO₂ und Aerosol Monitor PCE-AQD 20

- ▶ CO₂ measurement 0 ... 10,000 ppm
- ▶ Particles 2.5 microns in µg/m³
- ▶ Traffic light function for particles
- ▶ Temperature, humidity, air pressure
- ▶ Alarm interface
- ▶ Data memory: SD card up to 32 GB



Aerosol Monitor PCE-PCO 1

- ▶ Particles 0.3/0.5/1.0/2.5/5.0/10 microns
- ▶ Particle display in µg/m³
- ▶ Traffic light function for particles
- ▶ Temperature and humidity
- ▶ Image and video recording
- ▶ Internal memory 80 MB

Hygiene ATP Tester for Surfaces and Water PCE-ATP 1

- ▶ Measurement range: 0 ... 999,999 RLUs
- ▶ Measures by means of bioluminescence
- ▶ Hygiene tests in only 10 seconds
- ▶ Automatic calibration
- ▶ Memory for 10,000 data records
- ▶ USB and Bluetooth



Subject to change