



## Particle counter PCE-PQC 33EU incl. calibration certificate Particle counter for real-time measurement / Incl. Data logger function / Remote access to measured data / Extension by different weather sensors possible / For rod and wall mounting

The particulate matter measuring device PCE-PQC 3xEU series is the most advanced particulate matter measuring device on the market. Integration into a building automation and clean room management system is easily possible via Ethernet or (optionally) Wireless 802.11 b / g, RS485 or RS232. The particulate matter gauge measures 6 user-selectable particle size channels and (optional) temperature and relative humidity. This particulate matter meter stores up to 45,000 measured values with time stamp.

The particulate matter meter can be remotely controlled and monitored via a web browser. The fine dust measuring device is a mounting device, which is characterized by the rod or wall mounting on the one hand and the far-reaching functions on the other hand as very robust and versatile.

- Particle measurement in real time
- Internal measured value memory
- Easy construction
- Remote access via Ethernet or Wifi (optional)
- Gravimetric filter
- Optional temperature / humidity sensor
- Incl. calibration certificate traceable to NIST
- Standards: ISO 21501-4 and JIS B9921





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## **Specifications**

Measuring range0.5 ... 25 μmMeasuring channel sizesFactory calibrated at 0.5, 0.7, 1.0, 3.0, 5.0, 10.0 μmCounting efficiency50% at 0.5 μm, 100% at > 0.75 μm according to JIS

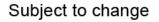
Flow	2.83 l / min (0.1 ft3 / min)
Random loss	10% at 15000000 particles / ft <sup>3</sup>
Light source	Long-life laser diode
Zero count	< 1 count / 5 min (< 2 particles / ft3) according to ISO
	21501-4 and JIS

Counting modes	Automatic, manual, real-time, cumulative /
	differential, mass concentration
Alarms	1 9999999 counts
Acoustic alarm	Adjustable, integrated alarm
Calibration	Traceable to NIST
Display	4.3" WQVGA color touch display, 480x272 px
Configuration	Memory for 50 custom configurations
Standards	ISO 21501-4 and JIS B9921
Dimensions	13.3 x 5.8 x 22.6 cm
Weight	1.18 kg / 2.6 lbs
Storage	45000 data sets (ring memory) consisting of
	Particle counting, temp. And humidity
Samples duration	1 s 99 h adjustable
Power supply	110 240V AC 50/60 Hz
Operating conditions	5 40°C / 41 104°F
	Up to 95% RH not condensing
Storage conditions	0 50°C / 32 122°F
	Up to 98% RH not condensing
Housing material	Stainless steel
Interfece	Ethows at LICD



## More information







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