Particle Counter PCE-PQC 30EU Incl. Calibration Certificate

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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

Subject to change

Specifications

Measuring range	**0.3 ... 25 µm**
Measuring channel sizes	Factory calibrated at 0.3, 0.5, 1.0, 3.0, 5.0, 10.0 µm
Counting efficiency	50% at 0.3 µm, 100% at > 0.45 µm according to JIS
Flow	2.83 l / min (0.1 ft3 / min)
Random loss	10% at 15000000 particles / ft³
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
Interface	Ethernet, USB
Optional interfaces	Wifi 802.11 b / g, RS485 or RS232
Number of measuring channels	6

More information

Manual

More product info

Similar products

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