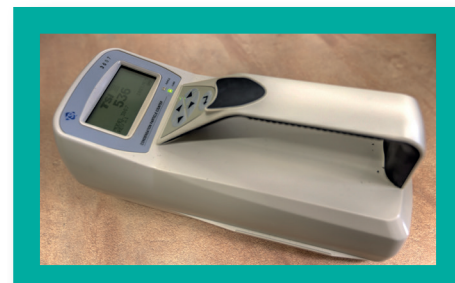


Particle Counter CPC 3007 and P-Trak™ 8525

SPECIFICATIONS

Portable condensation particle counter (CPC) is designed to measure particle concentrations (of size 0,01 - 1 μm). The handheld counter can be used to assess concentrations or emissions in buildings or areas, such as schools, hospitals and other indoor spaces. For normal operations for the detection and determination of the number of ultrafine particles (of size 0,02 - 1 μm) in the working environment, it is more appropriate to use P-Trak, which has a larger concentration range.



MEASURING METHODS

E.g. ČSN EN 481 (833621) Workplace atmosphere. Size fraction definition for measurement of airborne dust. ÚNMZ, 1994; Government regulation No. 361/2007 Coll., which lays down the conditions for health protection at work, as amended.



OVERVIEW OF MEASURABLE PARAMETERS / OUTPUT INFORMATION

Measurement samples are automatically saved in user-defined intervals and subsequent data analysis is possible using instrument software.

TYPES OF SAMPLES SUITABLE FOR ANALYSIS / MEASUREMENT CONDITIONS

The instrument can be used to measure the quality of indoor air or workplace air in the temperature range from 10 to 35 °C. They can also be used for measurements in inhalation and exposure studies as well as in health effect studies.

| | CPC 3007 | P-Trak 8525 |
|---------------------|---|---|
| size range | 10 - 1000 nm | 20 - 1000 nm |
| concentration range | 1 - 1.10 ⁵ particles/cm ³ | 1 - 5.10 ⁵ particles/cm ³ |