



Our latest instrument for nanoparticle-measurement is very small. Sorry.



The new DiSCmini.

Small, Robust & Easy to Use

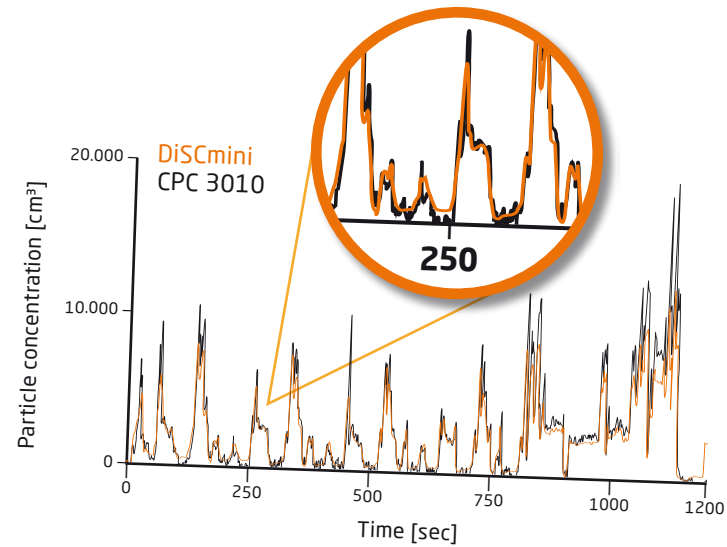
The miniature diffusion size classifier instrument determines 3 quantities simultaneously

- Particle number concentration ($\sim 10^3 \dots 10^6$ pt/ccm)
- Average particle diameter ($\sim 10 \dots 300$ nm)
- Lung-deposited surface area ($\mu\text{m}^2/\text{cm}^3$)

Get real-time measuring and documentation with a high time resolution (1 Hz).

The instrument is based on charging and current detection, there is no working fluid like in a CPC.

The high accuracy can be seen directly in comparison:



Vehical emission during an EMDC

Get in contact with our specialists.
Download our DiSCmini brochure at
www.discmini.ch

● **matter aerosol**
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Is your air healthy or not?

The DiSCmini. Nanoparticle measuring and monitoring is now portable.

Particle number concentration [pt/cm³]

N 15269 pt

Average particle diameter [nm]

Size 52 nm

25%

Battery life for 8 h of mobile measuring

Press to display lung-deposited surface area concentration (alveolar)



Easy recording on «Secure Digital Memorycard»

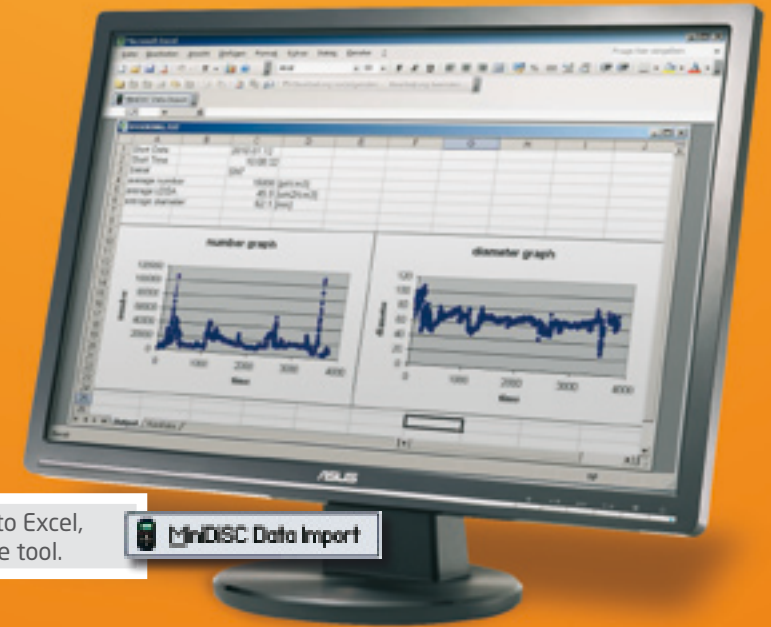


DiSCmini is the smallest instrument capable of nanoparticle number measurement available today, with a patented sensor, working in any orientation.

The portable «Diffusion Size Classifier» can be used for personal exposure monitoring or quick walk-through surveys of an area of interest, such as a workplace, or an urban area with heavy traffic.

Suited for all applications where ease of use is quite important

- Personal exposure monitoring
- Workplace hazard identification
- Filtration efficiency verification
- Air pollution mapping with one mobile or multiple stationary instruments



Raw data files can be imported directly into Excel, or analyzed with a cross-platform software tool.

MiniDISC Data Import



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