

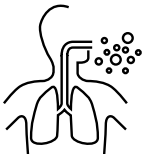
# Measuring nanoparticles made easy.

Partector 2 – Nanoparticle Dosimeter



The world's smallest  
multi-metric  
nanoparticle detector

# Good reasons to choose a Partector 2



## Multiple metrics

Measures number concentration, average particle diameter and lung-deposited surface area simultaneously



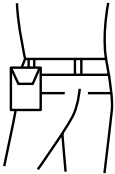
## Short warmup time

Start measuring within 30 seconds



## Alarm capability

With user-defined alarm level



## Miniature

142 x 88 x 34 mm great for personal exposure measurements



## Simple to use

No working fluid necessary



## Lightweight

450 g only



## Great battery life

18 hours



# The Partector2 – designed for...

## **Personal exposure monitoring**

The partector measures all nanoparticles – so you can use it to measure exposure to engineered nanoparticles, environmental tobacco smoke, welding fumes, traffic-related nanoparticles or anything else. The partector is ideally suited for occupational safety and health studies.

## **Workplace surveillance**

The partector can be used to monitor nanoparticle levels in a laboratory or nanoparticle production facility 24/7. It can sound an alarm, and with its data log, you can quickly check when high concentrations occurred.

## **Environmental monitoring**

Small, light and cheap – the partector is the ideal instrument for studies where nanoparticle concentrations are to be measured with high spatial resolution. By applying multiple instruments simultaneously, you can measure transport phenomena and particle concentration distributions. By combining partector data with GPS data, you can easily visualize your measurement in Google Earth.

**More applications and full specifications on our website:**  
[www.naneos.ch](http://www.naneos.ch)



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