

# AIRMODUS

AND

Airmodus Nanoparticle Diluter

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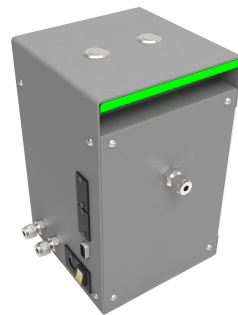
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# SAMPLE WHAT YOU WANT TO MEASURE

AIRMODUS NANOPARTICLE DILUTER  
IS A VERSATILE AEROSOL DILUTION  
AND SAMPLING SOLUTION  
DESIGNED ESPECIALLY FOR PARTICLES  
STARTING FROM 1 nm IN DIAMETER

The AND serves as a sample conditioning device with functionalities beyond just diluting. It is designed to be easy to use and characterized especially for the smallest particles for PSM/nCNC measurements, or for use with a CPC.



AND  
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DILUTION FACTOR OF 10  
VERY LOW LOSSES FOR SUB-5 nm PARTICLES  
OPTION TO REMOVE SUB-5 nm IONS  
DRYING THE SAMPLE  
OPTION TO CHECK THE PARTICLE COUNTER WITH FILTERED AIR  
MEASUREMENT OF SAMPLE RH%, TEMPERATURE, PRESSURE,  
FLOW RATE

## Airmodus Nanoparticle Diluter

AND offers the solution to

- **Diluting in high concentration environments—suitable for measurement of single digit nanoparticles**
- **Gently drying the sample in high RH conditions with dry dilution air**
- **Finding out the ratio of electrically neutral and charged particles in the sub-5 nm size range**
- **Automatic zero measurement regularly**
- **Automatic adjustment of dilution according to the measured inlet flow rate of the instrument, for example the Airmodus A10 PSM or A11 nCNC**