

AIRMODUS

A12 nCNC (PSM 2.0 & A30 CPC)

Airmodus A12 Nano Condensation Nucleus Counter system (nCNC) measures particles as small as 1 nm in diameter. It is a complete system consisting of a particle size magnifier (PSM 2.0), a condensation particle counter (A30 CPC) and operation software. Airmodus A12 can be used to measure the total number concentration of sub-micron particles, or to learn about characteristics and dynamics of the 1-12 nm particles in real time.

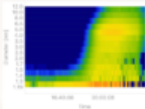


Size range

- ✓ Classify 1 - 12 nm particles into 1 - 14 bins

Concentration range

- ✓ Sensitive between 100 - 500 000 #/cm³



A typical capture of the measured results in Airmodus nCNC analysis software showing strongly a higher concentration of the particles.

Benefits

- ✓ New logging software
- ✓ New analysis software
- ✓ Automated fill & drain
- ✓ Integrated bottles
- ✓ Widened size range
- ✓ Enhanced stability
- ✓ Enhanced sensitivity
- ✓ Extended concentration range

The A12 can be used both as a stand-alone instrument for measuring the total particle number concentration, as well as the detector in various aerosol measurement systems. It is easy to use and handle. All settings can be quickly adjusted from the touch screen, which also displays the current concentration reading and instrument diagnostics.