

FILL



AIRMODUS
bCPC A20

The main display screen of the device. It features a green and grey background. At the top left is the Airmodus logo. To its right, the text 'AIRMODUS bCPC A20' is displayed. Below this is a horizontal progress bar with a white segment on the left. Under the bar, the text 'Warming up...' is visible. In the bottom right corner of the screen, the text 'Version 1.00' is shown.

DRAIN



PARTICLE



STATUS



POWER

High scientific standards together with smart design make the Airmodus instruments a delight to use.

AIRMODUS A20 **BUTANOL CONDENSATION PARTICLE COUNTER**

Condensation Particle Counters (CPCs) are the basis of modern ultrafine aerosol measurement technology. As single nano-particles can not be observed optically, the particles must be grown to optical sizes by condensing highly saturated working fluid on top of them. In fall 2011 Airmodus is launching a new butanol-based Condensation Particle Counter A20.

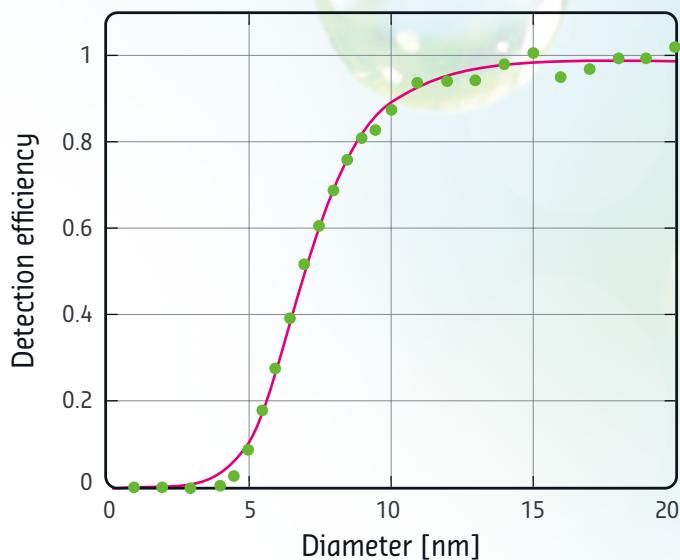
The Airmodus bCPC can be used both as stand-alone instrument for measuring the total particle number concentration, and as counter in different kinds of aerosol measurement applications. It is specifically designed to be easy to use and handle. All settings can be quickly adjusted from a handy touch screen, which also displays the current concentration reading and instrument diagnostics.





AIRMODUS

It's the small things that count.



INFORMATION AND SPECIFICATIONS

- Measurement range 7 – 1000 nm (50% cut-off size at 7 nm)
- Aerosol flow rate 1 litres per minute
- Uses n-butanol as working fluid
- Single particle counting capability reaches tens of thousands / cc.
- USB, ethernet and RS-232 serial connections
- Real-time user adjustable concentration display
- Inlet is situated in the back panel
- All setting can be modified from easy-to-use touch screen
- Programmable voltage output
- Prepared to meet EURO-5 standards
- CE and ROHS certified

The Airmodus A20 is well suited for atmospheric measurement, laboratory studies, air quality monitoring, industrial applications, etc. It can also meet the EURO-5 standards in automotive industry.

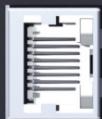




SERIAL



USB



ETHERNET



ANALOG
OUT



PULSE
OUT



AIRMODUS

*Providing the next generation technology
in aerosol particle measuring.*

Airmodus Ltd. is known for innovative solutions for state-of-the-art aerosol research. Airmodus designs commercial nanoparticle counters and provides next generation solutions for measuring airborne particles and gases. It is the small things that count. Here at Airmodus this is true on multiple levels.

Airmodus Oy

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INPUT
200-240VAC
2.5 50/60Hz

FUSE RATING
250V 4A



INLET

EXTERNAL
VACUUM

