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Product Announcement Stationary CPC Line

GRIMM releases its stationary CPC line optimized for laboratory use and long-term measurement campaigns
Revolutionary state-of-the-art saturator and condenser

Highlights

- ✓ Configurable – adapt the CPC to your need
- ✓ Counts particles from 4.5 nm to $>3 \mu\text{m}$
- ✓ Sampling with 1 Hz
- ✓ Concentrations from 1 to $10^7/\text{cm}^3$
- ✓ Butanol safety features (anti-spill, odor removal)
- ✓ Fully automated use with our software
- ✓ Self-test upon start-up assures highest reliability

Applications

- ✓ Stationary aerosol studies
- ✓ Long-term measurement campaigns
- ✓ Fundamental aerosol research
- ✓ Filter testing
- ✓ Nanotechnology process monitoring
- ✓ Inhalation & exposure studies
- ✓ Health effect studies



Models 5.410 - 5.414 optimized for laboratory use and customers that have their own vacuum source.

Model 5.416 is the all-inclusive general purpose stationary CPC.

With the new stationary Condensation Particle Counter (CPC) line GRIMM offers the users the option to tailor the CPC to their needs and avoid paying for unnecessary & unused features.

The CPCs can be obtained without pump for customers that have their own vacuum. Flow regulation inside the unit is managed with a critical orifice. The user can also decide if he wants to be able to use the CPC in combination with one of our Differential Mobility Analyzers (DMAs) as a Scanning Mobility Particle Sizer (SMPS) for obtaining particle size distributions, then the controls will be built-in, or if he chooses to use it just for counting.

In any case the CPCs feature the superior performance and reliability already known from our mobile product line. They have been further optimized for stationary use and long-term monitoring.

The control of the unit is managed via PC - a small laptop is included with models 5.414 & 5.416 - through an intuitive and easy-to-use Windows software.

Detailed specifications can be obtained from the datasheet that will be available soon on our web page - www.grimm-aerosol.com.