



Upgrade of existing filter test channels for room air filters with aerosol technological components in accordance with EN779, ASHRAE 52.2 and ISO 16890 incl. automation

## Benefits

- Easy use of different test aerosols, e.g. SAE Fine and Coarse, NaCl/KCl, DEHS
- Highest dosing consistency in aerosol generation with the tried-and-tested Palas® aerosol generators
- High resolution measurement technology using welas® digital / Promo® with up to 60 size classes per measurement range, e.g. 0.2 - 10 µm
- Large particle size range of 0.2 - 100 µm in four measurement ranges
- Determination of PM<sub>1</sub>, PM<sub>2.5</sub> and PM<sub>10</sub> values
- Classification accuracy and size resolution exceeding the high demands from ASHRAE 52.2.
- Minimisation of sampling losses through the use of patented optical fibre technology
- Flexible filter test rig software FTControl
- Sequence programs for EN779:2012, ASHRAE 52.2 and ISO FDIS 16890
- Easy to operate - even untrained personnel can be quickly trained in the use of the equipment
- Short set-up times
- Cleaning and calibration can be performed autonomously by the customer
- Highest measurement reproducibility of the test system
- Easy use of the measurement technology components - even in other applications
- Reliable, fast, reproducible and therefore cost-effective measurement results
- Complete system from Palas®, including the individual components
- Clear verification of the function of the individual components and the system as a whole within the scope of pre-delivery acceptance testing and on delivery
- Low maintenance
- Reduces your operating expenses

## Applications

- Testing of room air filters in accordance with EN779:2012
- Testing of room air filters in accordance with ASHRAE 52.2
- Testing of room air filters in accordance with ISO FDIS 16890



<https://www.palas.de/product/gvt3000>

# GVT 3000

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