

## Filter Test Rigs Meeting Current Standards

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Topas products are more than just the result of a manufacturing process. They are a well-balanced mixture of advanced technology, design and technical expertise. Topas highly qualified staff ensure the highest standard and build quality of our complete product range. The wide range of Topas products includes both standard instruments and complex tailor-made systems such as test stands. The standard range of instruments comprises: aerosol generators (mono and poly-disperse, solid and liquid particles) particle size measuring instruments for aerosols, dilution systems, pore size measuring instruments &c.

Topas provides solutions for special applications including test stands for filter media and complete filters. In co-operation with our customers tailor-made solutions are developed and implemented. Topas is capable of offering the complete solution, from product design to installation and commissioning on-site. Our involvement in different standard organizations allows us to play an active role in the further development of industrial standards.

The current trends in the development of filters and their quality-orientated testing requires advanced automated test equipment conforming to current standards. Topas successfully meet these requirements with all their products.

The current installed user base meeting the requirements of the following standards demonstrates the variety of Topas automated test systems

- DIN 71460 (ISO 11 155) Part 1 and 2 Cabin air filter (particle filtration and gas adsorption)
- EN 779 (ASHRAE 52.2) General air ventilation filters
- ISO 5011 Motor intake filters
- VDI 3926 Cleanable filter media
- EN 1822 High efficiency air filters
- EN 60312 Vacuum cleaner testing



Test Rig Installation Meeting the Requirements according to DIN 71 460, EN 779 and EN 60312

Beside a short technical description on those test rigs and their key components (aerosol generators, particle measuring instruments and test rig control and data acquisition software) also information on the requirements by existing standards are presented.