

**SP's air filter laboratory tests filters in accordance with established standards and methods. We also develop our own test methods to suit any customer-specific requirements. The following is a selection of tests and test facilities.**

### Air filters for general ventilation

We are accredited by SWEDAC for testing of air filters for ventilation systems according to the standard **EN 779**. Long term performances under real conditions are tested according to **SP-method 1937**. The tests stand alone, but are complementary and both are included in the requirements for **P-markning**, SP's own quality assurance system applied on filters since 1997.

### Air filters for other applications

SP test air filters for other applications, such as filters for use in vehicles, filters in air cleaners, and filters and bags for vacuum cleaners. Vacuum cleaners and air cleaners can also be tested as complete units or systems.

### Facilities

Our filter test rigs can accommodate many different filter sizes, including sheet filter materials. If needed we build up new test rigs.

The main way of testing the performance of air filters is to use optical particle counters, counting particles down to 0,1  $\mu\text{m}$ . SP's test equipment includes additional advanced equipment for measurement and characterisation of particles, such as their chemical analysis, size and shape.

We can test filters under a wide range of climatic conditions in our climate test chambers, exposing filters and equipment to high and low temperatures and humidifies, all as required by the customer. More information about SP and our services is found on our web site [www.sp.se](http://www.sp.se)

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