LSPG 16890



With the conversion of the test standards for the general room air filters from EN 779 to ISO 16890, an additional test aerosol (KCl) with particle sizes of up to 10 μm is required, which remains stable even at low flow rates. Palas is the first manufacturer to produce such an aerosol to test filter media. The LSPG 16890 enables stable and reproducible atomization of NaCl and other salt solutions.

Benefits

- High number of large salt particles up to 10 μm with KCl
- Highest reproducibility with regard to particle size and particle concentration
- For air volume flows from 20 l/min up to 600 l/min
- No corrosion, as the main components, including the dispersion nozzle, are made of plastic (POM)
- Simple handling
- Robust, durable, low maintenance
- Cost effective

Features

- Aerosol generation by atomization of NaCl, KCl, and other salt solutions
- Suitable for air volume flows from 20 l/min up to 600 l/min
- Corrosion-resistant main components made of plastic (POM), including the dispersion nozzle
- Bipolar particle discharge via integrated CD 2000 discharge path
- Direct connection to the MFP system
- Compliant with ISO 16890 test standard requirements

Applications

- Fraction separation efficiency determination for flat filter media in accordance with ISO 16890
- Production of a large quantity of coarse salt particles up to a size of 10 μm
- Laboratory equipment for the generation of salt aerosols

NORMS AND CERTIFICATES

ISO 16890