

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. The new KCl aerosol generator meets the high Palas® quality standards and is already available as a generator in the test benches of the MFP system according to ISO 16890 of Pala GmbH.

BENEFITS

- High number of large salt particles up to 10 μm with KCl
- Highest reproducibility with regard to particle size and particle concentration
- Particle discharge with the bipolar discharge path CD 2000
- 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)
- Direct connection to the MFP system
- Simple handling
- Robust, durable, low maintenance
- Cost effective

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

