

WORKGROUP FOR MULTIPHASE FLOWS



Particle measurement technology

The identification of the dispersing properties of particles is of fundamental importance for particle and environmental technology. Their size, shape or movement behavior plays a decisive role in the technological process, quality control or emission monitoring. Knowledge of these properties is important for understanding the behavior of particle systems in the process as well as their use and processing properties or their effect on humans and the environment. Prior to the measurements, particular importance is attached to sampling and sample preparation. There is extensive experience with products from many industries.

A wide range of measurement methods is available:

- Automatic picture analysis
- cascade impactor
- Laser diffraction
- Surface analysis
- Optical single particle counter
- Sedimentation
- Classification
- Sieve analysis

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