

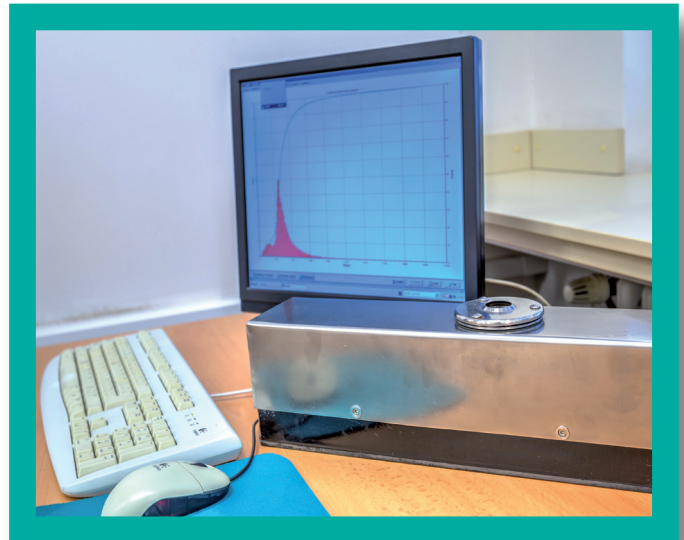
Equipment for Measuring Atomized Liquid Droplets

SPECIFICATIONS

The AWK analyzer is a device for measuring the distribution of atomized and free-falling liquid droplets, ranging from 50 μm to 4 mm in the air under laboratory conditions.

MEASURING METHODS

The bundle of infrared or laser rays is dispersed in the sensor by droplets passing through the measuring zone. Each drop corresponds to an electrical impulse proportional to its size. The set of droplets is first measured at 4,096-dimensional classes. After the measurement, the grain set is calibrated (recalculated) to 256-dimensional classes available to the user.



OVERVIEW OF MEASURABLE PARAMETERS / OUTPUT INFORMATION

During measurement, a particle size histogram is displayed in real-time. The output of the measurement is a line graph, bar graph, differential distribution, integral distribution, quantitative measurement result, or quantitative, surface or volume percentages.

TYPES OF SAMPLES SUITABLE FOR ANALYSIS / MEASUREMENT CONDITIONS

Droplets of free-falling liquid.