

# AccuSizer



## Description

### High Resolution Particle Size Analyzer

The AccuSizer is the cornerstone of the modular family of instruments. All AccuSizer systems measure particle size and concentration using a sensor, counter, and fluidics configuration. A series of sensors based on the single particle optical sizing (SPOS) technique using light extinction, scattering, or in combination are available. The counters are fast, multi-channel pulse height analyzers that can report results in up to 1024 size bins. Several fluidics configurations are available to deliver the sample to the sensor directly or with autodilution to avoid coincidence errors. Particles in a liquid suspension flow through a photozone where they interact via extinction and/or scattering with a laser light source. The extinction/scattering by the particle is related to particle size and concentration through the use of a pulse height analyzer and a calibration curve. The result generated is the concentration and particle size distribution of the particles in suspension.

## Products Covered

- ✓ Nicomp dynamic light scattering (DLS) system

