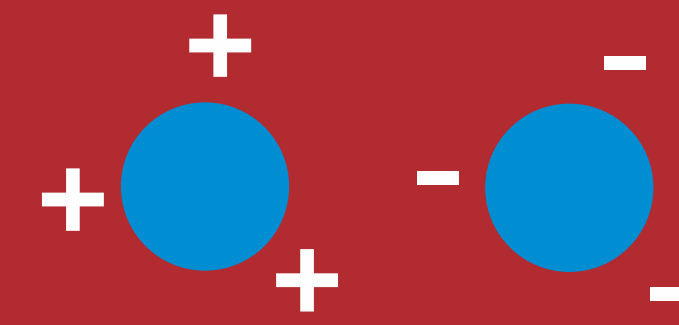


# Instruments for Colloid Analysis

## Stabino®

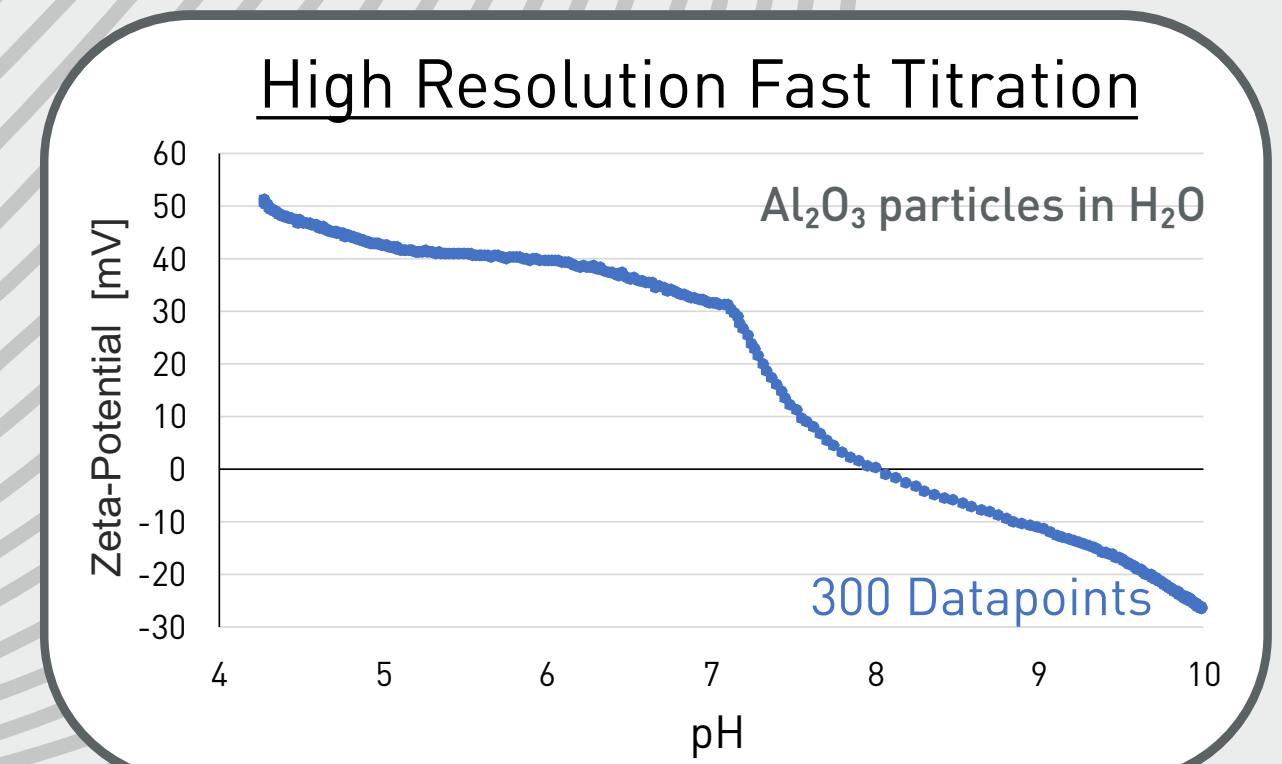
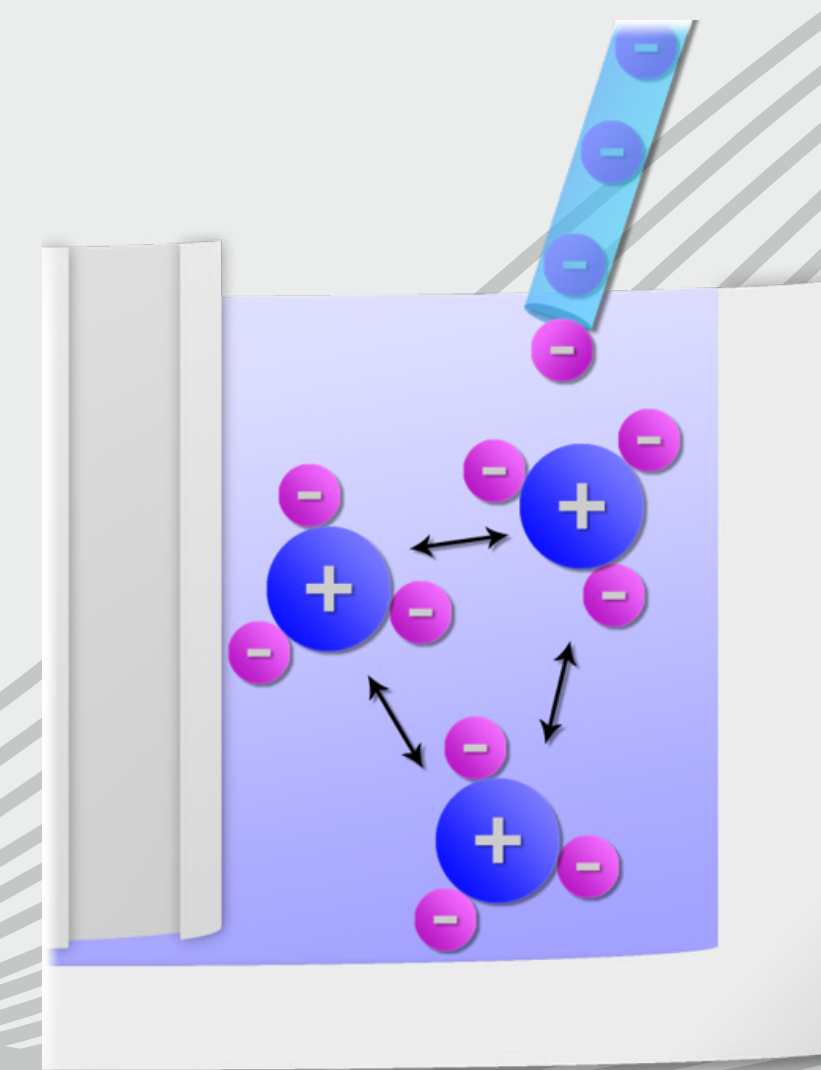


### Zeta Potential Titration



#### Stability Determination by Stabino® Titration

- Fast titration of streaming / zeta potential and size versus: pH, charge, conductivity
- Wide range in concentration, conductivity and viscosity
- 0°C to 90°C temperature control

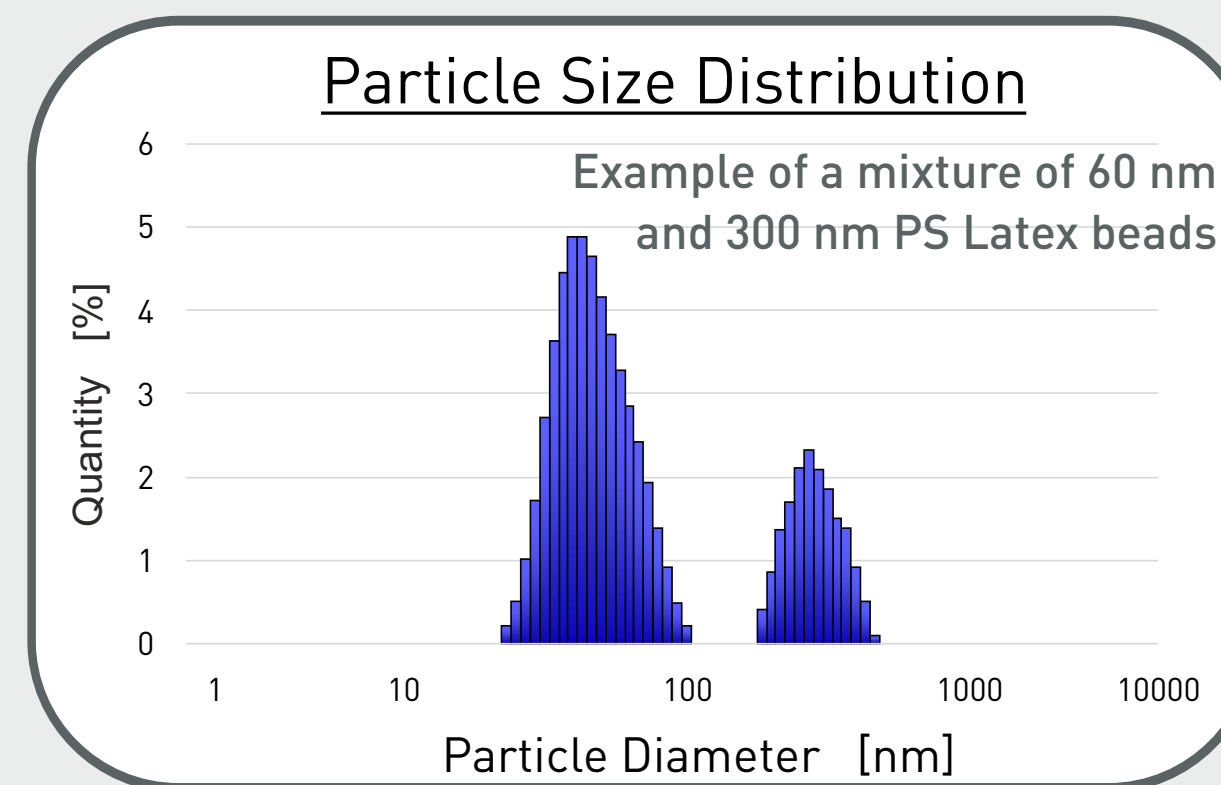
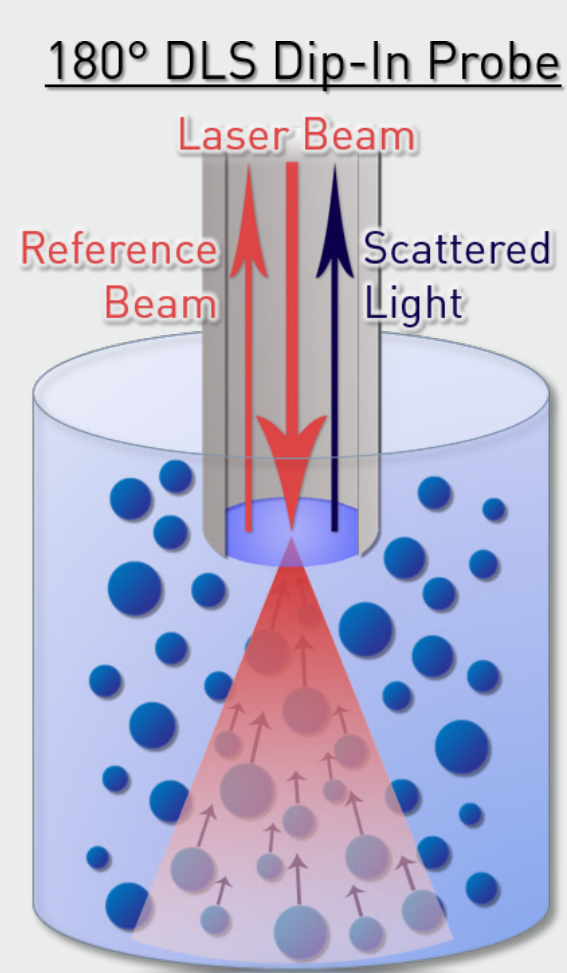


Determination of the stability by measuring the particle surface charge and stable pH areas

## Size Measurement

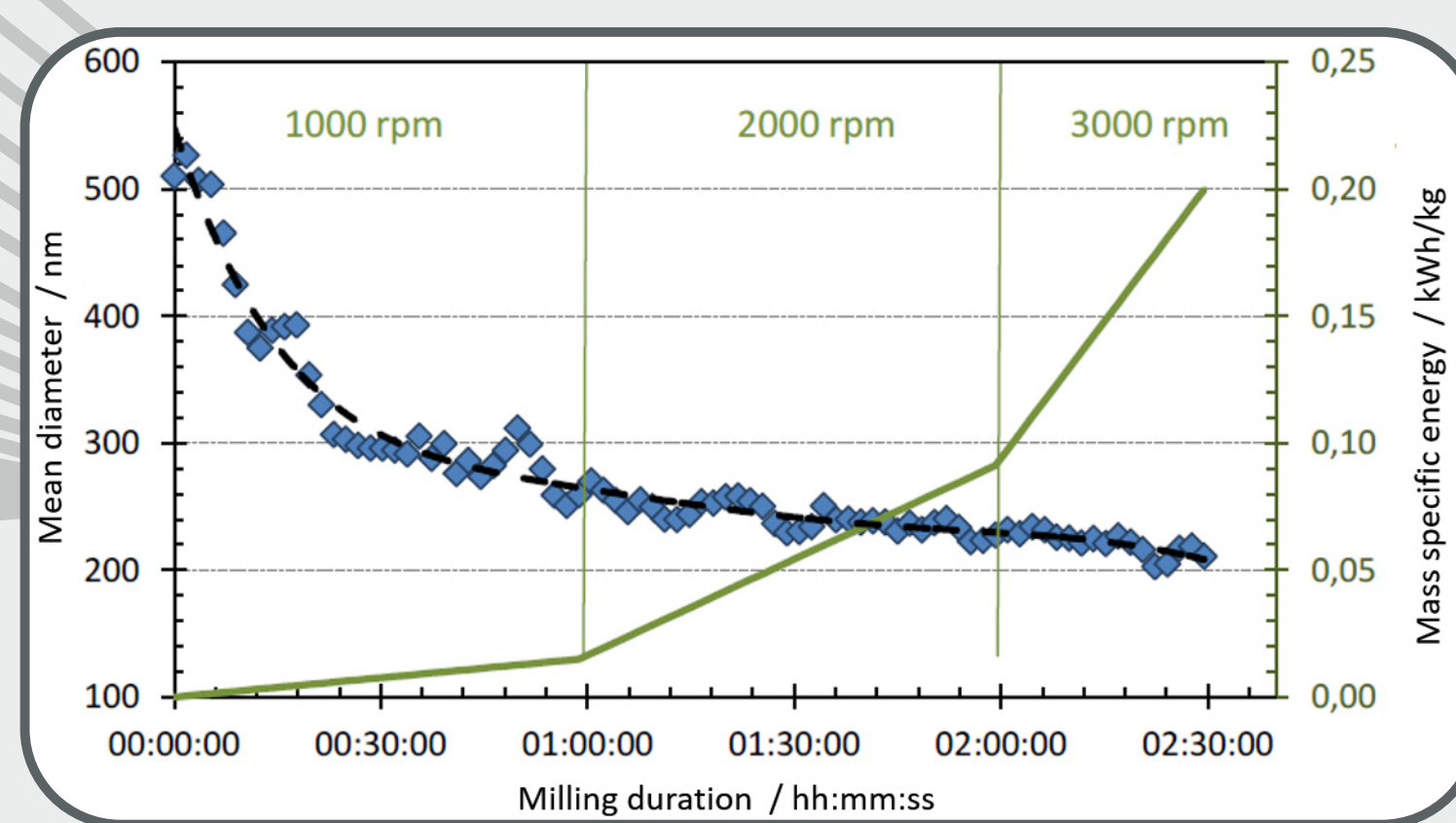
### Particle Size Determination by NANO-flex®

- 0.3 nm to 10 µm particle sizing
- Up to 40 vol% concentration
- Dip-in probe
- Inline / laboratory



Determination of the Particle Size Distribution by Flexible 180° Dynamic Light Scattering Technique

## NANO-flex®



Inline monitoring of a top-down milling process of paint pigment particles in a ball mill

Extend NANO-flex® with the IPAS module for inline / online particle sizing