

PARTICLE SIZING (ZETA SIZER)

MANUFACTURER : Malvern

MODEL : Zetasizer Nano S90

Applications

The Nano S90 analyzer allows the measurement of particle size into liquid phases (minimum volume of 20uL). With a 4mW laser, it allows the detection of particles from 0.3 nm to 5 microns in diameter. The Zetasizer is equipped with a avalanche photodiode detector (APD) conducting to a sensitivity greater than 20 times than a photomultiplier (PM). This instrument is based on the principle of dynamic and static light scattering. It is equipped with a temperature controller and allows measurements between 0°C and 90°C with an accuracy of 0.1°C.

Analysis

- Detector : avalanche photodiode (APD)
- Measurements via Dynamic and static light scattering
- Measurement of particles size (0.3 nm to 5 µm)
- Temperature : 0 to 90 °C ± 0.1 °C



Analyseur Taille de Particules (DLS), Malvern, Zetasizer Nano S90