Introduction
LS-pop(8) is an improved model of LS-pop(6) with added functions of auto alignment, pinhole lock and built-in ultrasonic.

Purpose
Measure the particle size distribution of powder and latex.

Principle
Uses the principle of laser light scattering to determine particle size distribution.

Patents adopted
Integrated laser emitter, Scattered light detection around a sphere surface (DAS)

Features
1. Measure forward scattered light, the lower limit of measurement is 0.2micron.
2. Shockproof pinhole design, auto alignment function
3. Ultra sonic inside the circulating sample feeding system
4. Full scale measurement, no need to change lens, ease of use
5. High performance price ratio

Technical specifications
1. Measuring range: 0.2-500micron
2. Sample feeding mode: wet dispersion, circulating sample feeder and static sample cell
3. Repeatability: <3%
4. Measuring duration:1-2 minutes
5. No. of detectors: 32
6. Light source: He-Ne laser, 2.0 mW, 0.6328micron
7. Operating temperature and humidity: 5-35 degrees centigrade, <85%

Measurement report items
Particle size distribution table & graph, mean diameter, median diameter and specific surface area.

Typical report
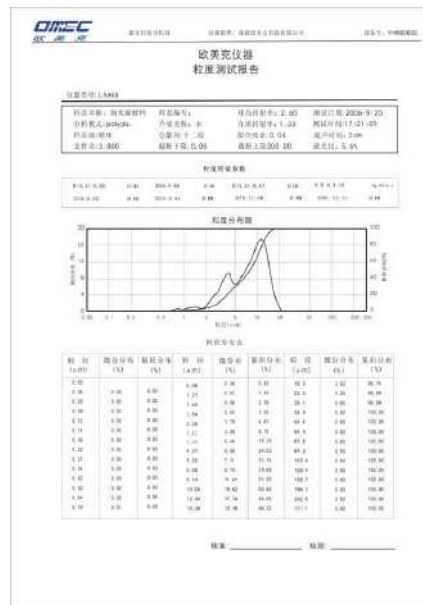
Configuration
1. Measuring unit of the particle size analyzer
2. Sample feeding system: circulating sample feeding system and static sample cell
3. Software
4. Other accessories