



Introduction

LS-pop(6) is an elementary laser particle size analyzer of OMEC with advanced technology level in China.

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. Full scale measurement, no need to change lens.
3. High performance price ratio

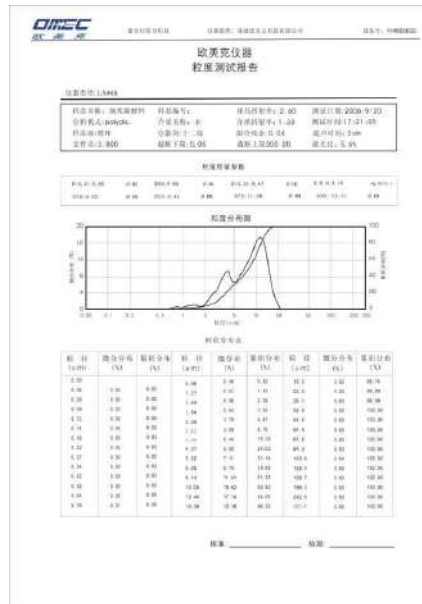
Technical specifications

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