



Introduction

LS-CWM is specially designed for the measurement of coarse powders with wide size distribution ($D_{50} > 100\mu\text{m}$), customized products available.

Purpose

Measure the particle size distribution of powders with wide size distribution, such as Sea mud, coal slurry, soil, etc.

Principle

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

Features

1. High speed pump avoids the sedimentation of coarse particles.
2. Multiple circulating sample feeding systems available.
3. Customized products available.

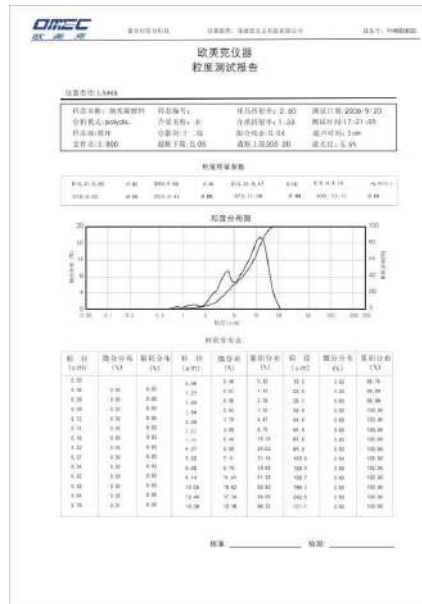
Specifications

1. Measuring range: 1-1000micron
2. Sample mode: wet dispersion
3. Repeatability: <3%
4. Measuring duration: 2-3minutes
5. No. of detectors: 40
6. Light source: He-Ne laser, 2mW, 0.6328micron
7. Operating temperature and humidity: 5-35 degrees centigrade, <85%

Measurement report items

Particle size distribution table & graph, mean diameter, median diameter, specific surface area, etc.

Typical report



Configuration

1. Measuring unit
2. Sample feeding system: circulating sample feeder
3. Software
4. Other accessories