



PARIO PARTICLE SIZE ANALYZER

METER



Particle Size Analysis, Automated

PARIO calculates the particle size distribution by Stokes' law, with a range spanning from 63 μm to 1 μm , finally making it easy to obtain a complete particle size distribution curve, instead of just a few measurements at discrete time points. It allows for unattended, automated operation, with no interference by lab personnel. Just set it up and come back 8 hours later to a finished measurement with all the data you need.

Features

- Get complete particle size distribution curves
- Calculation of particle size distribution by Stokes's law
- Autonomous operation after measurement start
- Quasi-continuous resolution of particle size distribution
- No physical disturbance of suspension during measurement
- Avoidance of manual reading errors
- Avoidance of manual calculation errors
- Temperature dependence automatically integrated in the calculation of particle size distribution



Specifications

Particle size	Range: 2-63 μm * Resolution: 1 μm
Approximate error	$\pm 3\%$
Accuracy of measurement	± 1 Pa
Particle mass	25-50 g per 1-L suspension
Duration of measurement	8 h
Measurement interval	10 s
Glass cylinder height	450.0 mm
Glass cylinder	Diameter @ Inner: 59.0 mm * Outer: 67.5 mm Volume @ 1,000 cm^3 Material @ Borosilicate glass 3.3
Volume	1,000 ml
Operating temperature	Minimum: 15°C * Typical: 20°C * Maximum: 35°C
Cable type	USB 2.0 , 500 mA for receiving port



BİLMAR BİLİMSEL ARAŞTIRMA VE MÜHENDİSLİK ANONİM ŞİRKETİ

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