



PARTICLE IMAGE PROCESSOR

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PARTICLE IMAGE PROCESSOR LPIP-100 Series

Labocon Particle Image Processor LPIP-100 Series is based on a method where particles are dispersed on a microscopic slide and their images are captured using a CCD camera. It is the integration of the traditional microscopy and advanced image processing technology. The resultant images are analyzed automatically using computer software.

Features

- Automatic focusing and scanning
- Particle size distribution on the basis of Volume distribution, Area distribution, number distribution
- Output includes: particle size distribution table and graph, roundness distribution table and graph, average diameter, median diameter, boundary diameter, average roundness, SSA, roundness range, typical particle images.
- USB2.0 computer port for progress scan CMOS camera with Image Analysis software



Application:

Labocon Particle Image Processor LPIP-100 Series is suitable for the measurement of particles which are not transparent and can be dispersed in liquid.

Specification:

Model	LPIP-101
Size Range (μm)	0.5-30
Maximum Optical Resolution	1600
Maximum Resolution	2048x1536
Accuracy	$\leq \pm 3\%$
Optical Temperature	10°C to 30°C
Optical Humidity	< 85%
Power Supply	220-240V, 50-60Hz
Catalog No.	9521136123

Accessories:

Model	Name	Catalog No.
LOM-01	Optical Microscope	9521137123
LCC-01	CCD Camera	9521138123