

Instrumed

Instru-Med Scientific

CAMSIZER P4

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The CAMSIZER P4 integrates higher resolution cameras and a faster interface between the cameras and the PC than the previous generation, which allows for a new internal data structure that stores large amounts of image data to a particle library. Images and contours of particles with defined properties can be extracted from the particle library and displayed or processed off-line. Similar image libraries are well known from conventional static microscopes. The CAMSIZER P4 particle library, however, handles millions of single particle images incredibly fast.

In addition to the well-known two-dimensional display of results, the CAMSIZER P4 features a new 3D Cloud (3 dimensional graph) which allows displaying 3 parameters (for example particle size, aspect ratio and transparency).

Faster cameras with higher resolution, a brighter light source and improved data processing capabilities differentiate the CAMSIZER P4 from its predecessors. These improvements increase the measurement speed (~ 1 - 3 minutes); allow more precise shape analysis of small particles and an extended size measurement range.

Key Features:

• Analysis of dry materials from 20 μm to 30 mm without doing any adjustments

• Higher resolution of cameras enhances the precision of size and shape

• Faster hardware and software detect more particles per second and provide more information about each particle

• 3D Cloud: flexible and meaningful representation of size and morphology parameters in 3 dimensions

• New Particle Library function: advanced search capability of particle images and characteristics for single particles

• Excellent compatibility with sieves analysis

• Excellent reproducibility

[Vendor Information](#)