

# Particle Imaging and Analysis System

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FlowCAM® particle imaging and analysis system automatically detects, images and measures individual particles and agglomerates during the microencapsulation process in real time. Revealing thousands of particles on screen in seconds and saving the data for analysis, product enables lab managers, process engineers and others to see the distinct shell layer encasing the core particle, visually assess the wall thickness and quality of the coating coverage, and determine whether the encapsulated particles meet required specifications. The ability to monitor shell or capsule formation allows process stability to be tested by observing how the particles react to changes in variables like temperature, concentration and pH. Product provides the visual capabilities of microscopy, including the ability to detect translucent and transparent particles, all at a fast pace that yields high volumes of statistically significant data. Product provides more than 30 different measurement parameters with unprecedented accuracy.

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**Fluid Imaging Technologies, [www.fluidimaging.com](http://www.fluidimaging.com) [1]**

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**Links:**

[1] <http://www.fluidimaging.com>