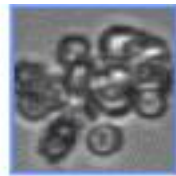




FlowCAM[®] Portable & Portable Colour Real Time Particle Imaging



ALGAE



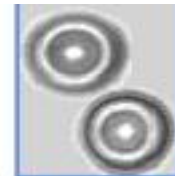
RED BLOOD CELLS



PARTICLES



BACTERIA



FLUORESCENT BEADS



General Description:

The FlowCAM[®] is a powerful continuous imaging Flow Cytometer. It can count, measure and image cells in fluids.

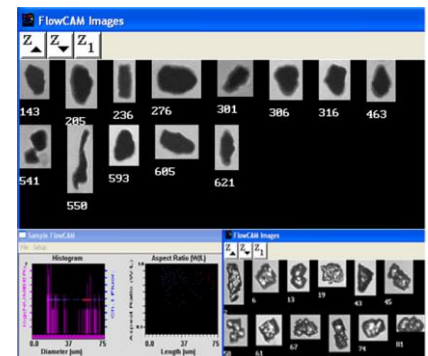
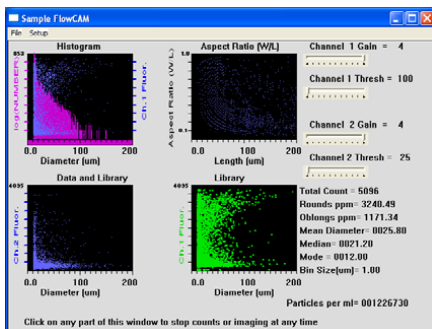
The Portable FlowCAM[®] is mounted in a rugged, watertight housing for safe transportation, rapid set-up, and increased ease of use. From the laboratory to the field, the Portable FlowCAM[®] is a virtual Lab on WheelsSM

Portable Applications:

1. Extended Cruises
2. Remote Reservoir Testing
3. Beach-site Water Quality Testing
4. On-site Data Needs
5. Emergency Response Feedback

Features:

1. Water Resistant case
2. Rugged
3. 12 Volt Operation
4. Lightweight
5. 18" x 15" x 10"



Ref: Portable FlowCAM.doc iss A Sep 2006



Diversity of Use

Given the flexibility of FlowCAM[®], numerous applications and sample types are easily examined:

Water Analysis

From oceanographic marine studies on the type and health of various organisms or particulate contamination to characterizing ship ballast discharges to water quality used for industrial operations and effluent streams, FlowCAM offers analysts and researchers new capabilities for discrete, continuous or in-situ analysis. Units can be set up on a bench, packaged for use on a float or submersed to monitor a water column. Call us to discuss your requirement.

Formulation Development

From pharmaceutical to fine chemical products, characterizing critical solids used in modern formulations including cosmetic topicals, pharma suspensions, flavor carriers, inorganic pigments, ink jet dyes, is better accomplished using the particle shape, size, imaging and aspect analysis of FlowCAM.

Medical Research

Animal or human body fluids are quickly examined for cells or particles for new levels of health and disease research. Status of organisms used for drug development (e.g. nematodes) are rapidly accessed and documented.

Biotech

Products of modern biotechnology are impacting a wide variety of fields and FlowCAM provides a means to monitor processes such as supported enzyme catalysis and a diversity of fermentation operations.

Process R&D

Given the portability of FlowCAM, various low viscosity industrial processes are more easily monitored such as oil in water (produced water) for petroleum production, along with emulsions, dispersions and mixtures used within the chemical, coatings, polymer and pharmaceutical industries. In addition to an accurate size distribution, FlowCAM lets you view a digital image of each particle along with measuring the size, shape and frequency of distribution of particles.

Product Quality

Not only the size of particles but also their shape can often influence product effectiveness and performance. With FlowCAM, several dimensions of particle characterization can be discretely or continuously monitored to insure product consistency and quality.

Call with an inquiry or a free evaluation for your project.