Identify & Classify Aquatic Organisms

OVERVIEW

Since its introduction in 1999, the FlowCam® has become a valued instrument for analyzing marine and freshwater samples. More than 400 FlowCams are used in 50+ countries to identify, count, and measure phytoplankton, zooplankton, and other particulate. Incorporating guidance from our customers and engineers, Fluid Imaging Technologies developed the 4th generation model, the FlowCam 8000.

- Analyze particles sized 2 µm to 1 mm
- Identify, count, and measure phytoplankton and zooplankton
- Process a 1 mL sample in 6 minutes
- VisualSpreadsheet® software performs image analysis by measuring 40+ morphological parameters including biovolume, coloration, shape, and size to classify taxa

2018 Product Launches:

- Freshwater algae libraries included on FlowCam to support identification
- Database driven software enables time series and trend analysis among multiple data sets

APPLICATIONS

Identify and enumerate phytoplankton and micro zooplankton

- Monitor cyanobacteria and nuisance algae, such as taste and odor algae in source water

- Characterize particles with fluorescing probes: lipid analysis, FISH probes, cell viability

- Analyze sediment: tephra particles, marine foraminifera, paleolimnology

- Monitor contamination in cultures and track biovolume, concentration, cell size distribution

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**FlowCam® 8000**
Identify & Classify Aquatic Organisms

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**REQUEST A FREE SAMPLE ANALYSIS**

Send us your sample and we will provide:

- A web-based, interactive presentation of results
- Histograms and scattergrams showing size and distribution of particles
- A Microsoft Excel spreadsheet with measurement data, including count, length, width, and diameter
- Digital images of the cells and particles
- Identification and classification of plankton species/genus

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