

FlowCam[®] Product Portfolio

Particle imaging and characterization for every application



FlowCam 8000 Series

Our most versatile instrument for applications ranging from biopharma to materials to plankton analysis. Laser excitation available.
Particle size range: 2 μm - 1 mm



FlowCam LO

Flow Imaging Microscopy and Light Obscuration in a single instrument.
Particle size range: 2 μm - 70 μm



FlowCam Cyano

For quick cyanobacteria detection and enumeration using pigment fluorescence.
Particle size range: 2 μm - 1 mm



FlowCam Nano

Submicron particle imaging for particles 300 nm to 2 μm



FlowCam 5000

Optimized for your application; our most affordable instrument.
Particle size range: 2 μm - 300 μm



FlowCam Macro

Analysis of visible particles from zooplankton to fibers to food and beverage ingredients.
Particle size range: 150 μm - 5 mm



ALH for FlowCam[™]

Automated liquid handling for unsupervised analysis; compatible with FlowCam 8000, FlowCam LO, and FlowCam Cyano.



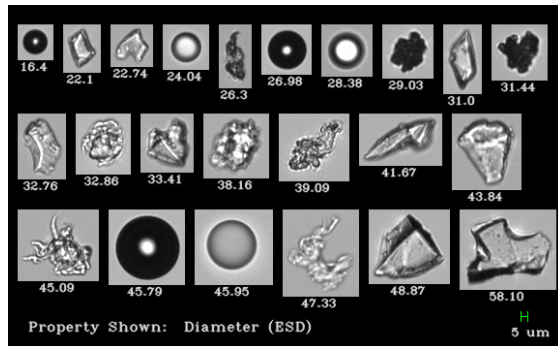
VisualSpreadsheet[®]

Powerful software to analyze images and visualize your results – with an optional Artificial Intelligence module

WHICH INSTRUMENT IS RIGHT FOR YOU?



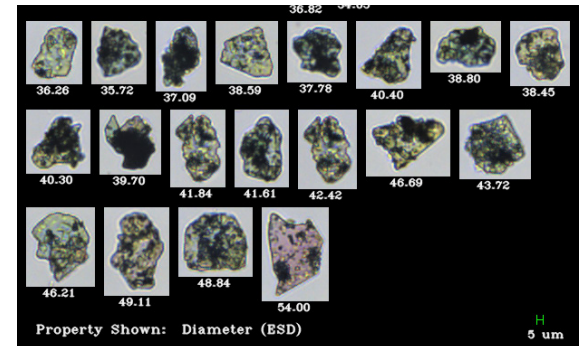
| | 5000 | Macro | 8100 | 8400 or Cyano | Nano | LO |
|------------------------------------|---|--|---|---|---|---|
| Particle Size Range | 2 µm - 300 µm | 150 µm - 5 mm | 2 µm - 1 mm | 2 µm - 1 mm | 300 nm - 2 µm | 2 µm - 70 µm |
| Objective Magnification | 4X or 10X or 20X | 0.5X | 2X / 4X / 10X / 20X | 2X / 4X / 10X / 20X | 40X | 10X |
| Focus System | Manual | Manual | Automatic | Automatic | Automatic | Automatic |
| Camera | Color | B&W | B&W / Color | Color | B&W | B&W |
| ALH Auto-Sampling Compatibility | | | ✓ | ✓ | | ✓ |
| Laser Excitation | | | | ✓ | | |
| Light Obscuration Module | | | | | | ✓ |
| 21 CFR Part 11 Compliance Software | | | ✓ | ✓ | ✓ | ✓ |
| Typical Applications | Drinking Water Analysis Microalgae Cultivation Environmental Oil & Gas Food & Beverage Paints, Coatings & Inks | Zooplankton Identification Food & Beverage Sphericity of Microspheres Fiber Characterization Polymers, Crystals, Powders & Chemicals | Biopharma Analysis & Development Gene Therapy Aggregate Monitoring Phytoplankton Research HAB Monitoring Microalgae Cultivation Materials Characterization | Drinking Water Analysis HAB Monitoring Phytoplankton Research Microplastics Research | Biopharma Analysis & Development Biomedical Research Gene Therapy Aggregate Monitoring Materials Characterization Bacterial Contamination Detection | Biopharma Analysis & Development Gene Therapy Aggregate Monitoring USP Compliance |



Protein Formulation



Marine Plankton Sample



Eye Shadow Particles