



VisualSpreadsheet 6.1 Overview

For VisualSpreadsheet 5 Users



VisualSpreadsheet 6.1 represents a significant leap forward in FlowCam software, offering enhanced data analysis tools, user interface customization, EcoTaxa compatibility, and a next-generation compliance package. Full compatibility with VisualSpreadsheet 5 data makes it easy to upgrade by allowing you to bring your existing runs, filters, libraries, and classifications into a modernized, feature-rich environment.

What's New in VisualSpreadsheet 6.1?

VisualSpreadsheet 6.1 introduces powerful new features designed to enhance productivity, compliance, and data accessibility across all application areas. Here are the key highlights:

- **All Applications | Smarter Data Management with Metadata Tagging**

Organize and retrieve FlowCam data faster with metadata tags that capture essential details about sample origin, collection, processing, and experimental conditions. Tags are fully searchable, making it easier than ever to manage large datasets and streamline workflows.

- **Biopharma | Advanced Data Integrity with the Compliance Package**

Customize roles, access permissions, and password policies to meet your organization's workflow and data integrity needs with a fully integrated 21 CFR Part 11 compliance package. Record detailed information about how each measurement was collected in a thorough, highly-searchable audit trail. Generate secure data archive files to facilitate the long-term storage and retrieval of FlowCam data, ensuring sufficient storage for new data.

Learn more in our white paper, [Ensuring 21 CFR Part 11 Compliance with FlowCam](#).

- **Aquatics | Collaborative Plankton Analysis with the EcoTaxa Export Tool**

Export images and metadata in EcoTaxa-compatible formats, which is ideal for users without raw camera images or R-script experience.

[Read our technical note, Using VisualSpreadsheet to Create Metadata Tags & Export Data to EcoTaxa.](#)



How Does VisualSpreadsheet 6.1 compare with VisualSpreadsheet 5?

VisualSpreadsheet	6.1	5
Metadata Tagging	Searchable metadata tagging for better organization and faster data retrieval	Manual notes associated with individual runs
Compliance Package	Integrated 21 CFR Part 11 compliance package with: • Customizable user permission system • Detailed, searchable audit trail • Secure, encrypted archive files	• No customization of user roles or access • Basic audit trail • No archive files
EcoTaxa Compatibility	Export images and metadata in EcoTaxa-compatible formats	Not available
Image & Run Export	Automated export of individual particle images (TIFF/PNG) files and runs as .VBD files	Manual export of selected runs and selected particles as collage files
Measuring Ruler	The measuring ruler tool allows users to selectively measure features of interest	Not available
Classification	• Import classified data from Versions 4 or 5 • Transfer classification templates between FlowCam and satellite versions • Rearrange classification tabs to optimize your workflow and improve classification accuracy	• Classified data confined within the local database • Classification templates confined within the local database • Static classification tabs
Filter Analysis	Full particle property statistics per filter bin	Count and particles/mL per filter bin

VisualSpreadsheet 6.1 delivers a robust suite of new features designed to enhance data analysis, streamline workflows, and support regulatory compliance. Fully compatible with the FlowCam 8000 Series, FlowCam LO, ALH for FlowCam, FlowCam Nano, FlowCam Macro, and FlowCam 5000 instruments, this release introduces advanced tools for data analysis, 21 CFR Part 11 compliance, and EcoTaxa compatibility.

Ready to learn more?

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