HORIBA
Scientific

Just Announced

The Aqualog and Solo:
Your Partners for PARAFAC!

Save hours of data processing with the combined power of **HORIBA Scientific's** new Aqualog and Eigenvector Research's Solo software! Simply import your fully corrected excitation-emission matrix (EEM) data directly from the HORIBA Scientific Aqualog into Eigenvector's Solo to rapidly perform PARAFAC, N-PLS, and many other multivariate and multi-way analyses pertinent to colored dissolved organic matter (CDOM).

The Aqualog package performs all necessary spectral corrections including blank subtractions, excitation and emission spectral corrections, standardized normalizations and inner-filter effect corrections, saving hours of data-processing! Quickly assemble EEMs into Solo's convenient DataSet objects to easily manage labels, axis scales, and classes, and include/exclude data from the analysis with a simple click.

Solo provides the Graphical Interfaces to quickly manage and analyze EEM data, author and apply models and interpret results.

www.aqualog.com
email: ad.sci@horiba.com

Explore the future   Automotive Test Systems | Process & Environmental | Medical | Semiconductor | Scientific

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Key Features for HORIBA Scientific CDOM EEMs:

- Data Exploration and Pattern Recognition (Principal Components Analysis (PCA), Parallel Factor Analysis (PARAFAC), Multiway PCA...)

- Classification (SIMCA, k-nearest neighbors, PLS Discriminant Analysis, Support Vector Machine Classification, Clustering (HCA)...)

- Linear and Non-Linear Regression (PLS, Principal Components Regression (PCR), Multiple Linear Regression (MLR), Classical Least Squares (CLS), Support Vector Machine Regression, N-way PLS, Locally Weighted Regression...)

- Self-modeling Curve Resolution, Pure Variable Methods (Multivariate Curve Resolutionw (MCR), Purity (compare to SIMPLSMA), CODA_DW, CompareLCMS...)

- Curve fitting and Distribution fitting and analysis tools

- Instrument Standardization (Piece-wise Direct, Windowed Picewise, OSC, Generalized Least Squares Preprocessing...)

- Advanced Graphical Data Set Editing and Visualization Tools

- Advanced Customizable Order-Specific Preprocessing (Centering, Scaling, Smoothing, Derivatizing, Transformations, Baselining...)

- Missing Data Support (SVD and NIPALS)

- Variable Selection (Genetic algorithms, IPLS, Selectivity, VIP...)

For more information visit:

www.aqualog.com

Solo Product Support

Eigenvector Research offers user support for Solo by e-mail at helpdesk@eigenvector.com. Questions are almost always answered within 1 business day (and usually much less). Updates and bug fixes are available for users to download from our web site. For information on other support options, see our technical support page.

For more information visit:

http://www.eigenvector.com/software/solo.htm

Solo
Stand Alone Chemometrics Software