

Eyecon – Innopharma Technology

INTRODUCTION

The Lumetics LINK™ software platform scans network locations for new measurement data files, copies data directly to a centralized database, and provides a powerful user interface for rapid multi-measurement multi-technique data aggregation, visualization, analysis, and reporting. LINK employs a client/server-based architecture where the LINK server hardware is provided by the end user and resides on the end user’s network. The LINK client is a portable web-based application that may be placed on any computer with network connectivity to the LINK server. For successful import, the LINK webserver requires read access to the folders where user data resides.

The Eyecon is a particle analyzer for the analysis and profiling of powders and bulk solids. Eyecon is a new generation non-product contact, direct imaging system that generates real-time on-screen images, particle size and shape information.

DETAILS

LINK requires the CSV data file exported from the Eyecon software. If the PDF report is present with the CSV, it will be imported as an attachment viewable directly from within LINK.

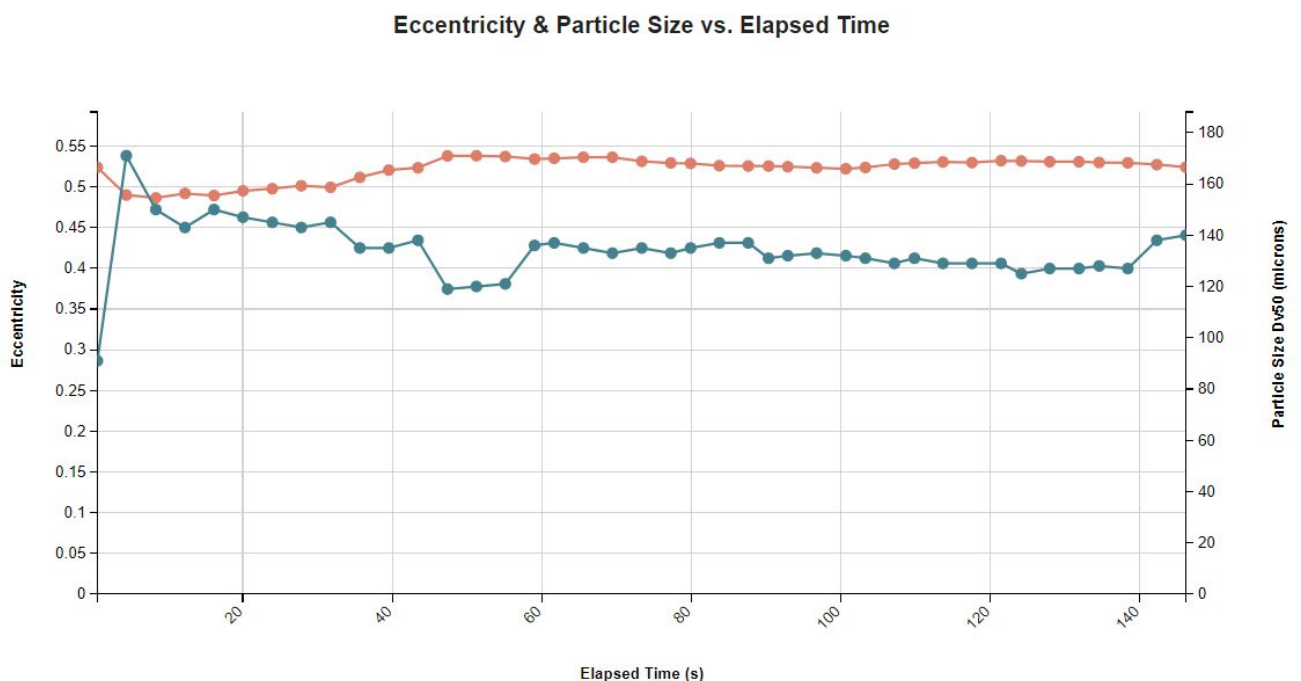
The following raw curve data may be imported, in addition to all available instrument/analysis settings and parameters calculated by the instrument software:

- Dv10, Dv50, Dv90, an Eccentricity vs. Elapsed Time
- Volume Fraction (Cumulative) vs. Particle Diameter

EXAMPLES

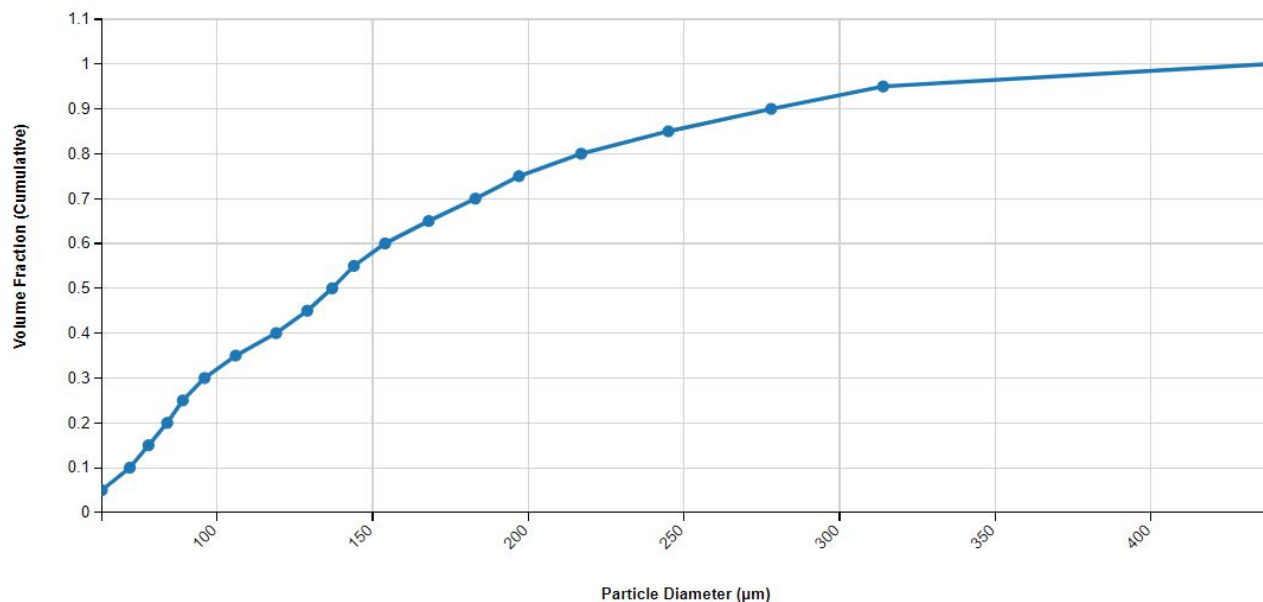
Included below are sample dashboards from Eyecon measurement files:

1. Line chart plotting raw data based on Eccentricity & Particle size vs. Elapsed Time



2. Line chart plotting raw data based on Volume Fraction vs. Particle Diameter

Volume Fraction vs. Particle Diameter



3. Tabular Summary examples

Measurement Summary Table – Instrument Settings

LINK Record ID #	Version	Max. detection size - AVG	Start time	End time	Start date	End date	Integration time - AVG	Configuration	Batch Number	Analysis Date	Analysis block size - AVG
1	2.1.2	1000	09:46:47 GMT+...	09:49:16 GMT+...	2018-06-29	2018-06-29	30	Comill U5 - MCC	A0898-084	2018-06-29 09:...	301

Measurement Summary Table – Measurement Results

LINK Record ID #	Eccentricity RSD - AVG	Eccentricity - AVG	Shape RSD - AVG	Shape mean - AVG	Std deviation - AVG	Median diameter - AVG	Mean diameter - AVG	Volume Fraction (Cumulative) (Particle Diam. (µm) >=1) - AVG	Eccentricity (Elapsed Time (s) >=1) - AVG	Edge contrast threshold - AVG	d2 average - AVG	d1 average - AVG
1	0.39	0.52	0.39	0.52	36	73	79	10.50	20.87	50	71	87

DASHBOARD DOWNLOADS

Included below is a link to downloadable dashboards for Eyecon measurement files:

<http://lumetics.com/dashboards/Eyecon/Eyecon.zip>

CONTACT LUMETICS

For direct assistance, please contact Lumetics LINK™ Support:

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