Honeybun

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.

Honeybun is the only rapid viscometer. Honeybun sips microliters of each sample through a microfluidic channel to get a read on viscosities from 0.5 – 150 cP in minutes – with zero sample prep or clean-up.

DETAILS

LINK requires a XLSX data file produced by the Honeybun system. Optional PNG and BMP image files are imported as series attachments, which are accessible and viewable within LINK.

The Honeybun XLSX data file example is as follows:

	A	B	C	D	E	F	G	H
1	Report							
2								
3	Info							
4	Date	25/01/2023 14:14:49						
5	Test performed by	Lumetics						
6	Instrument	601037						
7	Honeybun software versi	1.0.1.81						
8	Embedded software vers	1.0.1.224						
9	Experiment name	20240416_176						
10	Temperature (°C)	20.0						
11	Bun ID	0023-000036						
12	Bun expiry date	22/01/2026						
13								
14	Table							
15	Channel	Sample name	Measurement mode	Viscosity (cP)	SD (cP)	CV%	Min shear rate (1/s)	Max shear rate (1/s)
16	Channel 5	Sample D	Default	7.929	0.041	0.51	3269	11944
17	Channel 6	Sample E	Default	10.72	0.2	1.9	2447	10910
18	Channel 7	Sample F	Default	10.363	0.038	0.37	2715	10056
19	Channel 8	Sample G	Default	10.49	0.21	2	2285	9109

Helpful Notes:

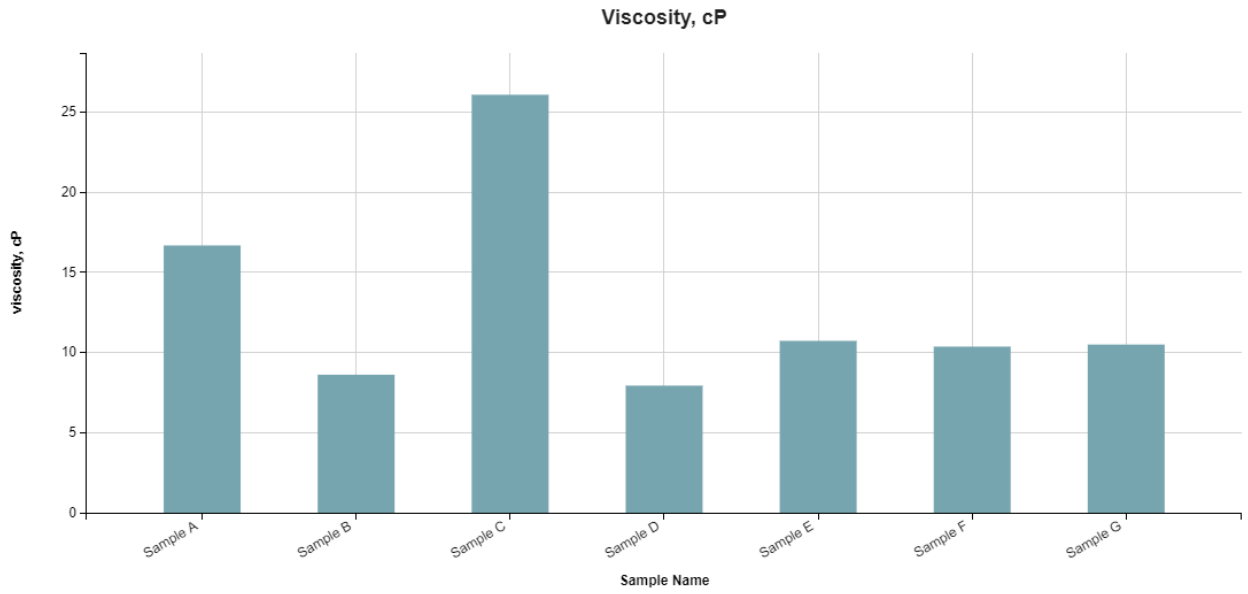
- The mandatory XLSX data file must have the following
  - A sheet named 'Report'
  - The text to be above the table in the report
  - A field called 'Channel' to be the first column in the table
- The field 'Channel' will be automatically added to the LINK filter panel
- Multiple fields will be mapped from the XLSX data file to internal LINKdb fields, including;
  - 'Date' will be mapped to 'Analysis Date' in LINK

- ‘Test performed by’ will be mapped to ‘Operator’ in LINK
- ‘Honeybun Software Version’ will be mapped to ‘Version’ in LINK
- ‘Instrument’ will be mapped to ‘Honeybun Instrument ID’ in LINK

EXAMPLES

Included below are sample dashboards from Honeybun measurement files:

1. Column Chart plotting Viscosity, cP vs. Sample Name



2. Tabular Summary examples

Measurement Summary Table – Measurement Results

Sample Name	Viscosity (cP) - AVG	CV% - AVG	SD (cP) - AVG	Min Shear Rate (1/s) - AVG	Max Shear Rate (1/s) - AVG	Temperature (°C) - AVG
Sample A	16.67	1.50	0.25	1648	7423	25
Sample B	8.61	1.00	0.09	3183	14083	25
Sample C	26.07	2.90	0.75	1109	4753	25
Sample D	7.93	0.51	0.04	3269	11944	20
Sample E	10.72	1.90	0.20	2447	10910	20
Sample F	10.36	0.37	0.04	2715	10056	20
Sample G	10.49	2.00	0.21	2285	9109	20

CONTACT LUMETICS

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