

OPSIS LiquidLINE LabConnect

Connect your Laboratory



LP 1015 www.liquidline.se

WHY LABCONNECT?

OPSIS LiquidLINE believe all Analytical Laboratories should benefit from the advantages of modern information technology, by using Laboratory Information Management Systems when possible (LIMS).

However, not everyone has the need and resources to invest in advanced LIMS solutions, and that is where OPSIS LiquidLINE LabConnect can offer something new.

OPSIS LiquidLINE LabConnect allows you to:

- Automatically connect your OPSIS LiquidLINE instruments to your information flow
- Manage analysis for Protein, Ash, Moisture, Fiber or Fat, regardless of used equipment*
- Analyze, store, export and print result reports

In addition, you can use the LabConnect software with a LIMS license that gives you even more:

- Handle several analytical methods simultaneously
- Register and manage samples in a Sample registration module
- Manage all reports in a Report module
- All data stored in a secure and searchable SQL Database
- Full traceability and compliance with common standards such as ISO 17025 and FDA Title 21 Part 11

^{*} Select between Fiber, Fat or Protein with LabConnect standard license (selectable at installation). Upgrade to LabConnect LIMS for allowing all these methods simultaneously



WORKFLOW THINKING

- Software that works with your standard operating procedures
- Registration of samples for Protein, Nitrogen,
 Fat, Extraction, Fiber, Ash and Moisture*

CONNECT YOUR LABORATORY

- Send weights and retrieve results to a KjelROC Analyzer/Autosampler
- Works with barcode scanners, label printers and balances
- Export information compatible to LIMS systems, Microsoft Excel or as PDF files

Analyze Results from all Instruments

- Analysis of your results with calculation of standard deviation and other parameters
- Can also be used with instruments from other manufacturers

WORKFLOW THINKING. LABCONNECT IS DESIGNED TO FACILITATE YOUR CURRENT PROCEDURES



CONNECT YOUR LABORATORY. DIRECT TRANSFER OF WEIGHTS FROM YOUR BALANCE.

A LABORATORY INFORMATION MANAGEMENT SYSTEM**

- LIMS system with sample registration and reporting modules
- A secure searchable SQL database located on your network
- Traceability for compliance to standards such as ISO 17025 and FDA Title 21 Part 11



A COMPLETE LIMS SYSTEM** WITH A SEARCHABLE DATABASE

^{**} Requires LabConnect LIMS License

BENEFITS

A new information era is approaching to the Laboratories, and OPSIS LiquidLINE is there to support you in this transition. The LabConnect software is the first step of connecting your Laboratory with the rest of the world.

WORKELOW THINKING

Continue to use your existing laboratory procedures with LabConnect. A software designed for wet chemistry analysis.











- 1. REGISTER ARRIVAL OF SAMPLES*
- 2. WEIGHT DIRECTLY IN LABCONNECT
- 3. Perform your Analysis
- 4. REGISTER YOUR RESULTS AND ANALYZE
- 5. Share your Results



- Software that works with your standard operating procedures - not forcing new behaviour. Not a standard database software but a software built for wet chemistry analysis
- Register samples, register weights, run analysis, register results and export your final results to other systems
- Several methods to select from: Ash, Moisture,
 Protein, Nitrogen, Total and Crude Fat, other
 Extractions, Crude Fiber, ADF and NDF Fiber**
 - * Requires LabConnect LIMS License
 - ** Select between Fiber, Fat or Protein with LabConnect standard license (selectable at installation). Upgrade to LabConnect LIMS for allowing all these methods simultaneously



CONNECT YOUR LABORATORY

LabConnect can connect to most devices in your laboratory. The software provides, among others, direct transfer of information to KjelROC analyzers, weights from your balance, codes from a barcode scanner and export using common data formats.

- Connect your KjelROC Analyzer and send batches with weights. Retrieve results with logged information from your instrument. Backup and Restore settings on the instrument.
- Connect your serial Balance to LabConnect.
 Connect your balance using a serial cable or Bluetooth.
- Connect your barcode Scanner.
 Use a barcode scanner to facilitate batch registrations and reduce risk for errors
- Connect an OPSIS LiquidLINE Label printer.
 Register weights and print QR codes directly from the program
- Export your data.
 Export to other LIMS systems or save in Excel,
 .CSV or PDF formats. Print your results to external printers
- Transfer Utility for iPhone/iPad.
 You can also use the OPSIS LiquidLINE Transfer
 Utility for iPhone/iPad to transfer information to a
 KjelROC



CONNECT A BARCODE SCANNER TO LABCONNECT AND USE THIS WHEN REGISTERING YOUR SAMPLES. THIS WILL REDUCE ERRORS AND SAVE TIME.



TRANSFER WEIGHTS FROM THE BALANCE TO LABCONNECT BY PRESSING A BUTTON, THIS WILL SAVE TIME.

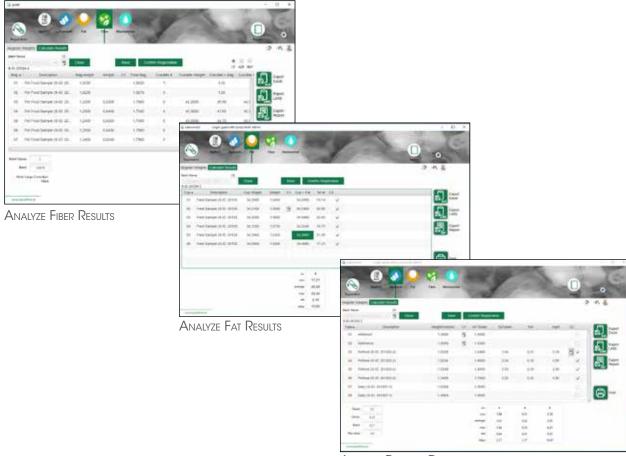


USE A LABEL PRINTER TO PRINT QR CODES FROM LABCONNECT. THIS WILL SIMPLIFY SAMPLE TRACEABILITY.

ANALYZE RESULTS AND WORK WITH OTHER INSTRUMENTS

The LabConnect is a complete solution for handling your samples, from arrival to final analysis report. You can even analyze your results and work with instruments from other manufacturers

- Select/deselect valid results for your final report. Select what result types shall be used in the result calculation
- Statistical overview of your analysis with minimum-average-maximum values, standard deviation and relative standard deviation
- To be used in the laboratory with all your instruments, not an exclusive OPSIS LiquidLINE instrument software. Possibility with manual entry with every method.





LIMS WITHOUT THE COMPLEXITY*

LabConnect with LIMS configuration provides similar features that you would expect from a complete LIMS system, such as searchable database and sample registration.

- Secure local SQL Database
 All information in LabConnect is stored in a SQL
 Database that is located inside the company. No need for cloud solutions managing your sensitive data.
 Automatic backup** of the database can be configured within LabConnect.
- Sample registration module
 Provides the opportunity to register your arriving samples. Provide an arrival date and description. Use shortcuts for faster registration and print QR labels direct from the program.
- Report module
 Provides an overview of all batches that has been registered. Use advanced search on dates and words and select reports for export.



Transfer Utility on iPad to transfer Weights to the KjelROC Analyzer

ELECTRONIC DOCUMENTS COMPLIANCE*

LabConnect with LIMS configuration provides a traceability feature, that complies to ISO 17025 and FDA Title 21 Part 11 electronic document requirements

- Secure login features with automatic logout if LabConnect is not used for a period
- Advanced User management with Administrator, Super-User and Operator levels
- Possibility to export an LabConnect Audit Trail with documentation of all major events
- Secure signature of reports and no possibility to alter electronic records

^{*} Requires LabConnect LIMS License

^{**} Additional backup procedures are required if full security of data is required

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