



chemBOX
by Chemlys

*Simplify your data processing ...
... focus on what really matters*

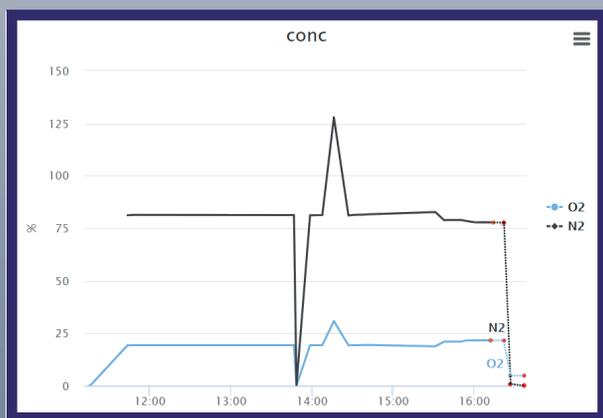


Beyond Micro GC Fusion® performances in gas analysis, data processing is essential for your applications. This step tends to be time-consuming and not very convenient for large amount of data like obtained by continuous analysis.

CHEMBOX is a data management tool that allows you to visualize quickly your desired parameters (compound concentration, normalized concentration, peak area, retention time), over time.

CHEMBOX is recovering autonomously the results from connected Micro GC Fusion®. With its tools, exploit data is simple and powerful.

Real-time data follow-up



Keep an eye on your process !

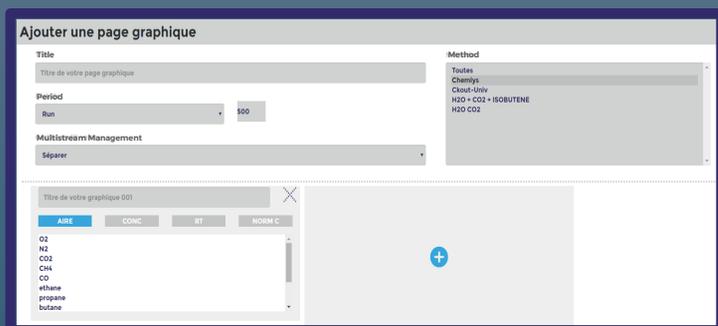
CHEMBOX allows you to follow your kinetics in real-time.

In a glimpse, monitor your important parameters over time.

CHEMBOX is updating trends in real-time. At the end of each analysis of Micro GC Fusion®, results are collected by **CHEMBOX** and added to your predefined graphics. This kind of follow-up in real-time is available for one MicroGC Fusion® at a time.

Graphics setup & Trend plots

Create your graphics

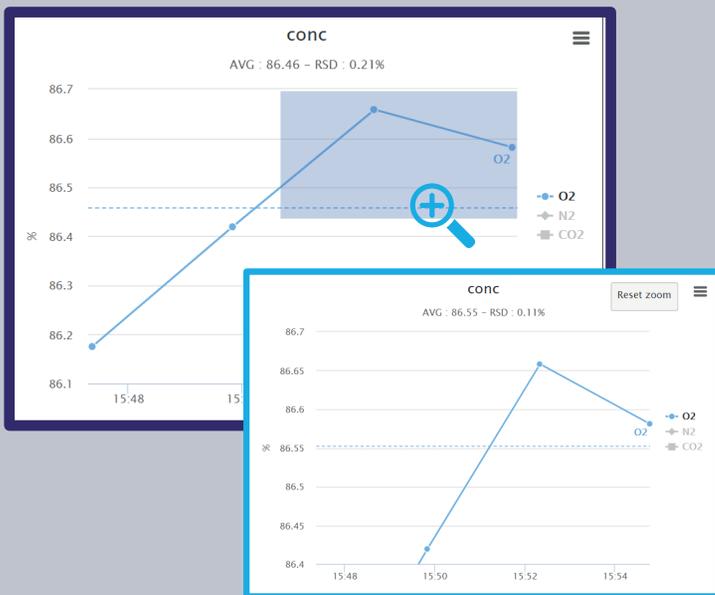


- ✓ **Determine results to follow:**
Retention time, peak area, raw or normalized concentrations
- ✓ **Choose the period to display:**
Between two dates or in number of last results
- ✓ **Select compounds of interest**
- ✓ **Choose the analytical method**

CHEMBOX offers you a great range of graphics and trend plots in a few clicks.

- **Define and save as many graphics as necessary for the same analysis batch.**
- **Multistream management :** You are using a Valco valve, **CHEMBOX** simplify the management of the different samples streams.
Choose the display mode : all streams on the same graphic, one graphic per stream or one selected stream.

Zoom & Dynamic display

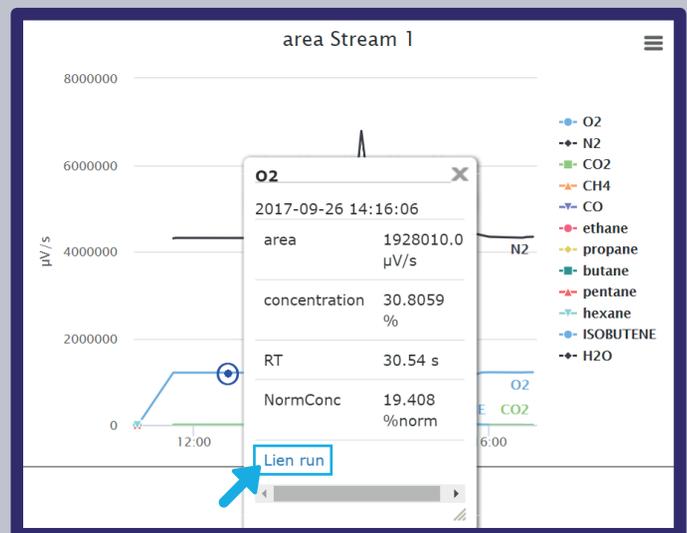


- ✓ Simply draw the area to zoom with your mouse.
- ✓ Select/deselect compound to display
- ✓ Display the statistics for the selected compound (mean, RSD)
- ✓ Export graphics into pictures file (.jpeg or .png) to illustrate your works

Accessibility & Connectivity

At the slightest uncertainty on your data, you can open by a simple click the original chromatogram for each analysis*

*MicroGC Fusion® must be connected.



Backup & Delete analysis

CHEMBOX allows you to save for archive and delete raw data from Micro GC Fusion® in a safe and easy way

Backup Mode:

At the end of your project or in function of a defined period, backup is an important step.

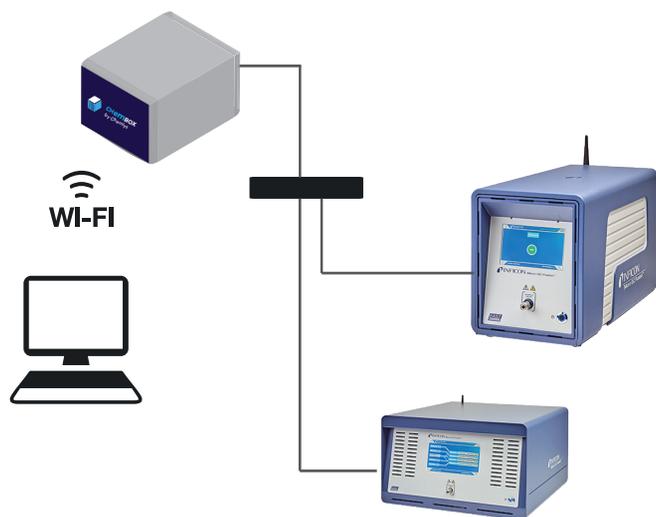
CHEMBOX allows you to sort and export your analysis files even more easily. Sort your analysis by date or by method and export your selection (JSON) in a zip file.

CHEMBOX has an export capacity much larger than Micro GC Fusion® which is limited to around 500 analysis per export.

Delete Mode:

CHEMBOX also allows you to clean easily and safely your Micro GC Fusion® memory storage. It will propose to delete analyses when they are already saved.

Functionality & Administration



Synchronized with your Micro GC Fusion® by Ethernet, **CHEMBOX** collect and save all your analysis results. Then they are available to build graphics, even without connection to any Micro GC Fusion®.



«Diagnostic»* tool

In case of any default on your Micro GC Fusion®, CHEMBOX generates a zip file that contains all the information needed by Chemlys to give you remote support.

*Available soon



Connectivity

Thanks to the IDF (Fusion login number), CHEMBOX manage an unlimited number of Micro GC Fusion®, each one identified by a unique ID. Your CHEMBOX then allows you to centralize and classify all your data.

WINDOWS

FREE

Autonomous

CHEMBOX is autonomous. It does not require any software installation or specific operating system. You can use it from any devices that contain a browser.

Technical features

Dimensions (mm) and weight	110 x 118 x 46 / 600 g
Operating conditions	0 - 40°C / 5 - 95% RH
Power supply	12 VDC, 3A, 36W
Storage capacity	120 Go
Communication	WIFI & LAN
Accessibility	Chrome or Mozilla



CHEMLYS

Creative chromatography



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