We digitize with you at your own pace

Future-proof software Memobase Pro for documentation, reporting and monitoring of your Memosens sensors

Memobase Pro CZL81 Node-locked license

Memobase Pro CZL81 is a future-proof software for documentation, reporting, and monitoring. It enables operators to have a holistic overview of your Memosens sensors in use. Connect Liquiline Mobile CML18 via Memobase Pro app or cable connection, and Ex sensors via MemoLink, to capture your data and ensure documentation of events such as calibration or adjustments. Generate reports to simplify your documentation needs.

Memobase Pro software with Liquiline CML18 and pH measurement

Benefits at a glance

Memobase Pro software features a variety of benefits and functions for calibration, sample management and reporting.
It supports you throughout the complete lifecycle of your Memosens pH sensors.

Reliable security concept and flexibility
Memobase Pro uses Windows framework and authentication to ensure compliance and security while mastering your measuring tasks.

Enhanced visibility
Overview of all measuring points and measurement values, full-blown access to sensor condition data and calibration history.

Easy operation and time savings
Simplify your calibration and adjustment thanks to modern UX, reduced training efforts and intuitive wizards (e.g. for integration of pH buffer solutions).

Standardized digital measurement environment
Regardless of the use case, the platform adjusts to your needs and measuring demands with the different cross-platform components such as Liquiline CML18, Memobase Pro app and Memobase Pro CZL81.

Digitized sensor lifecycle
Fulfill all your documentation duties with data exports and reporting of measured values, calibration and adjustment values for reduced manual work in the field and the laboratory, and for reliable quality assurance.

Scalable application architecture
The system architecture of the application can be easily expanded with additional modules in the future. Floating network installations can be realized with minimal effort once available.

Usability excellence
State of the art user navigation and visualization.

Industry focus

Memobase Pro is a versatile software that can be used in different industries. The focus is always on capturing your measurements, documenting and reporting, and being informed about the sensor's health status.
You can perform measurements in the laboratory or grab samples in your established process. Thus, the software supports you in keeping your process running all the time.
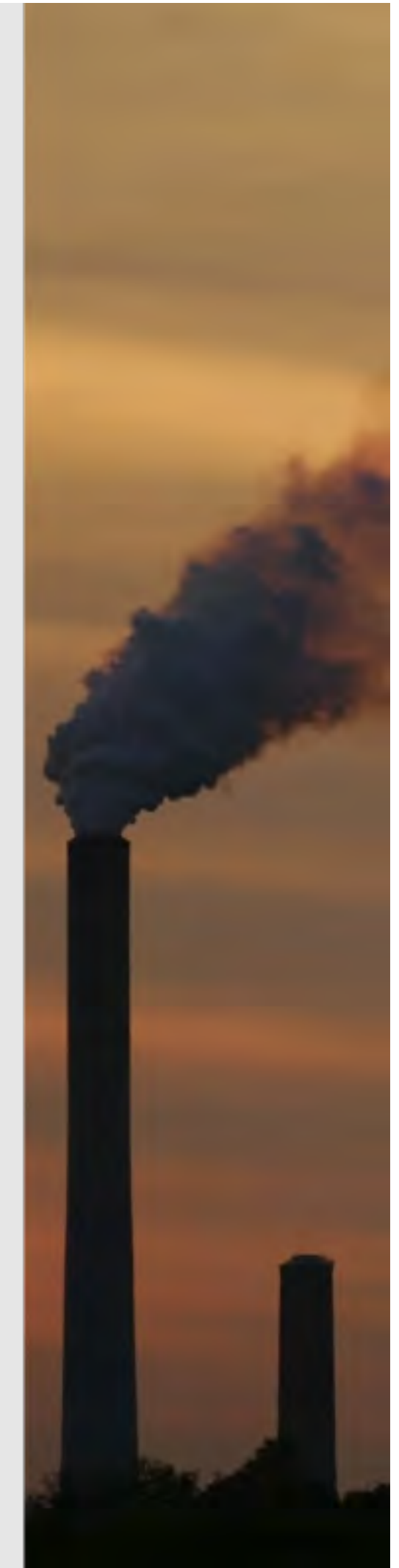
Chemical industry

Food & Beverage

Minerals, Metals & Mining

Water & Wastewater

Power & Energy

Use Cases

Memobase Pro features different use cases to simplify your daily work. Perform reliable calibrations, boost your sample management and benefit from reports matching to your needs. We provide various application packages to meet your needs. Basic, Plus or Premium - check what is suitable for your business.

To complete your ecosystem find out more about our synchronization options and the Memobase Pro app for your smartphone.

Calibration

Perform efficient calibrations

Do you already have Memosens sensors in your process?
We know you have to ensure that the pH measurement is always running reliably. Therefore, calibration and adjustment are crucial. Memosens sensors are typically brought to the maintenance laboratory for pre-calibration and adjustment.

There, you can perform all calibrations and adjustments under stable conditions. Pre-calibration and the Memosens bayonet connector allow for fast exchange of the sensors without downtime.

The Memobase Pro software and Liquiline Mobile CML18 support you with guided calibration and traceable results. In the live list, the software shows you the measurement results live, and you can adjust the sensor right away. Once you are finished, the calibrated and adjusted sensors can be used in the process again.
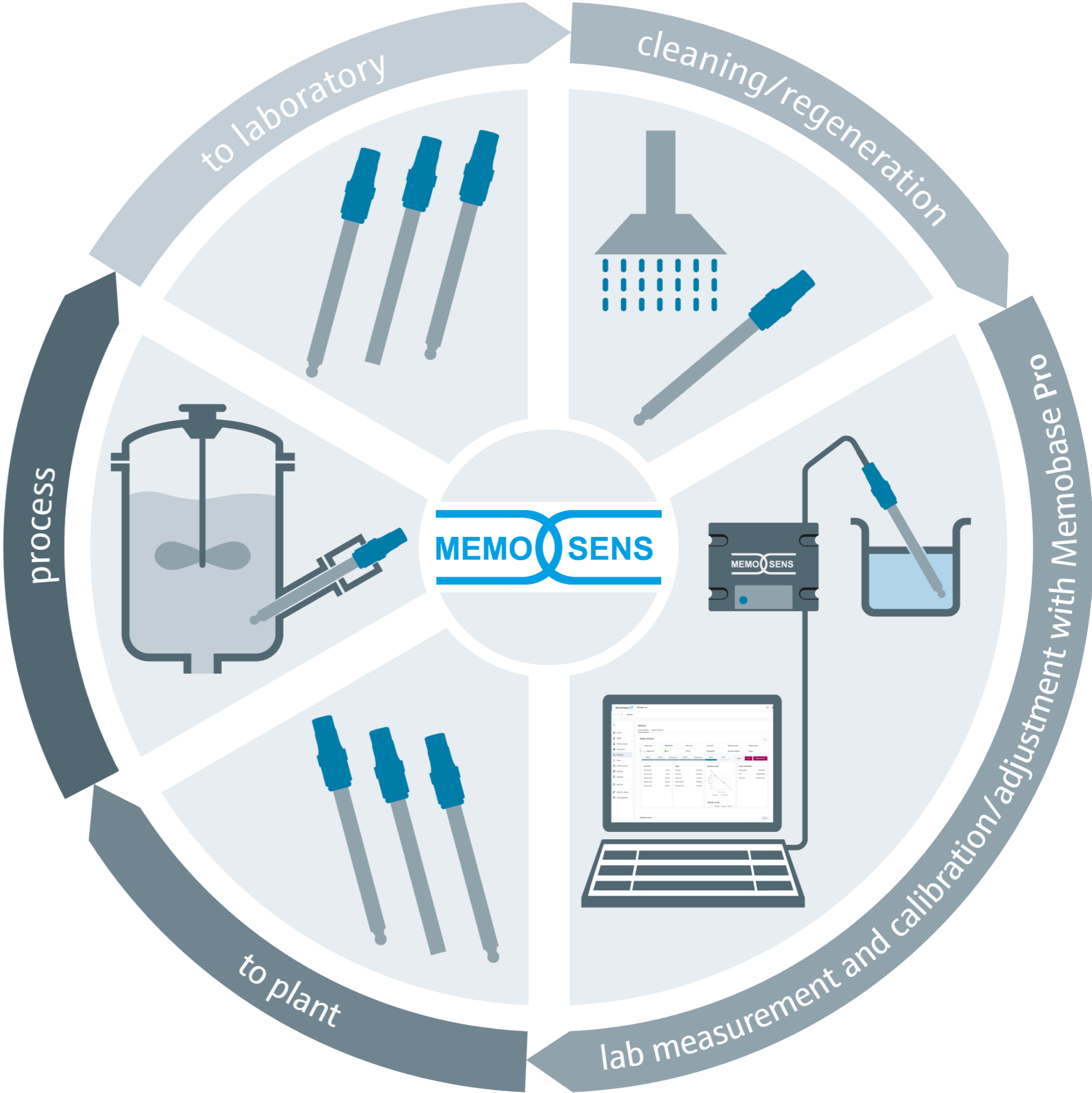
Sample management

Check your measurement quality by performing grab sample analysis in your proccess - no matter if it's water treatement or chemical production

Just take a sample from your production process. In your laboratory, you can perform further analysis with the Liquiline CML18 handheld device and the Memobase Pro software. Benefit from synergies and similar user interfaces. Distribute your results, store them, and review earlier sampling results. Easy, intuitive, and reliable.

4 EASY STEPS FOR YOUR QUALITY SAMPLING

Create and manage sample ID

Measure your grab sample

Document your results

Save the results in your database

Reporting

Memobase Pro enables full traceability of all relevant events like calibrations or sensor health status throughout the whole sensor lifecycle. The relevant information is included in the Basic sensor report. All relevant and detailed information on calibrations or measurements is contained in the respective calibration or measurement reports. Memobase Pro generates PDF documents that can be stored in the desired target directory or easily shared with peers. This way, you always have the required documentation accessible in the software without having to search for documents.


Exemplary reports from the software

Synchronization options

There are different options to transfer your measured values to the Memobase Pro software. Depending on your environment and demands, you can choose between synchronization via the Memobase Pro app, Liquiline Mobile CML18 with a cable connection, or via MemoLink in case of applications with Ex requirements and if you already own such a device.

via Memobase Pro app
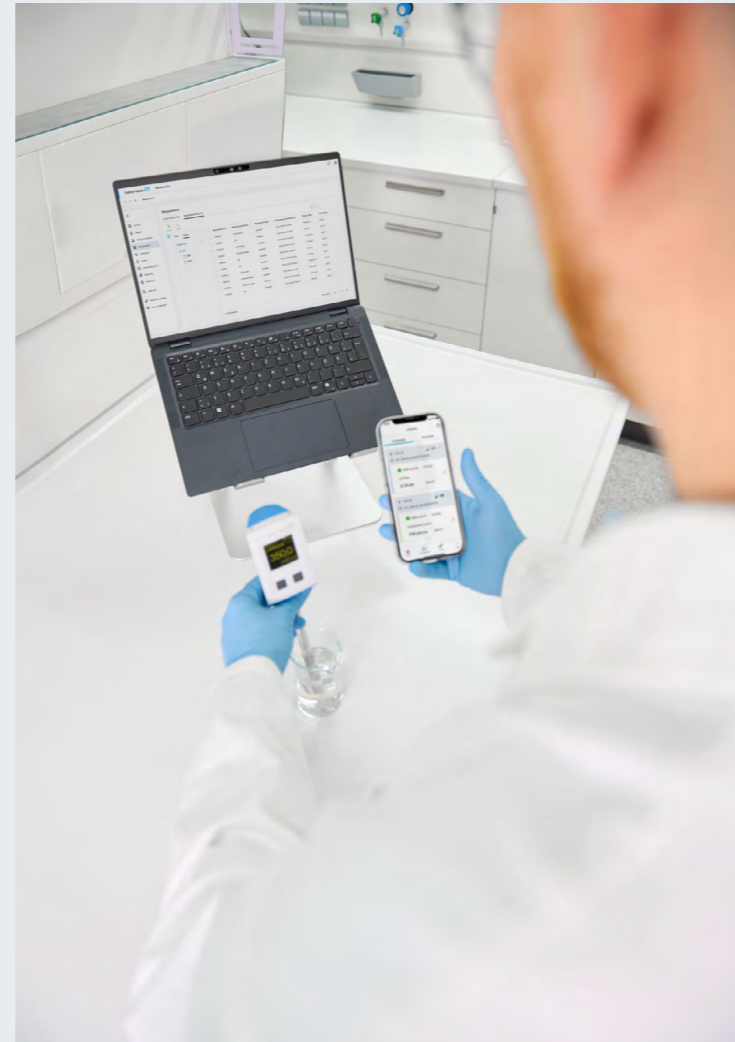
- Download the Memobase Pro app
- Execute your measurement with the Liquiline Mobile CML18 and the corresponding pH sensor
- The value will be transferred to the app via Bluetooth
- In the next step, you can synchronize the data with the desktop software

via Liquiline Mobile CML18 with cable connection

- Connect your Liquiline Mobile with a M12 cable straight to your software and start measuring
- The measured value will be displayed instantly
- Additionally, you can see the value on your handheld device

via MemoLink for Ex-applications

- Connect your pH sensor to the MemoLink converter and start the measurement
- The measured value will be displayed instantly
- With this synchronization option you are able to connect Ex approved sensors to the software

Licensing models

To get the functions that meet your demands, it is essential to choose the right licensing model. All models are on a yearly billing plan and can be upgraded or downgraded during this period.

First off, choose whether you need a single station license for one laptop or PC, or a floating network license to include multiple devices within your network.

The next step is to choose the right functionality scope within the three application packages: Basic, Plus, and Premium.

Single station license
- 1 device
- unlimited

Floating network license — coming soon
- unlimited
- 1/3/5 users

Basic

- Calibration management
- Sample management
- Perform measurements
- Basic reporting
- Purchase of additional Add-ons (LIMS or ERP connection via REST API, User management,...)
- Software updates and improvements included

Plus — coming soon

- Calibration management
- Sample management
- Perform measurements
- Basic and extended reporting
- Sensor management with advanced diagnostics
- Purchase of additional Add-ons (LIMS or ERP connection via REST API, User management,...)
- Software updates and improvements included

Premium — coming soon

- Calibration management
- Sample management
- Perform measurements
- Basic and extended reporting
- Sensor management with advanced diagnostics and predictive models (based on lab and process data)
- Audit trail functionality
- Digital signature functionality
- Purchase of additional Add-ons (LIMS or ERP connection via REST API, User management,...)
- Software updates and improvements included

Memobase Pro app

Extend your Liquiline Mobile handheld

With the Memosens Pro app, you can turn your Liquiline Mobile into a flexible, mobile calibration system and carry out smart measurements.

Install the Memobase Pro app to make the most of your Liquiline Mobile device. Benefit from functions such as the ability to scan buffer solutions for full traceability. Of course, the measurement results can be easily saved, and adding photos or comments is completely straightforward. Enrich sample measurements with GPS coordinates and a

photo of the measuring point. Your measured values can be sent by email for further processing and analysis.

Also, calibrate and adjust your sensors via a guided procedure, or just use the interface to transfer your data to the Memobase Pro software for your PC.

Regardless, the easy-to-access app for your smartphone is a great starting point for your digital measurement journey.
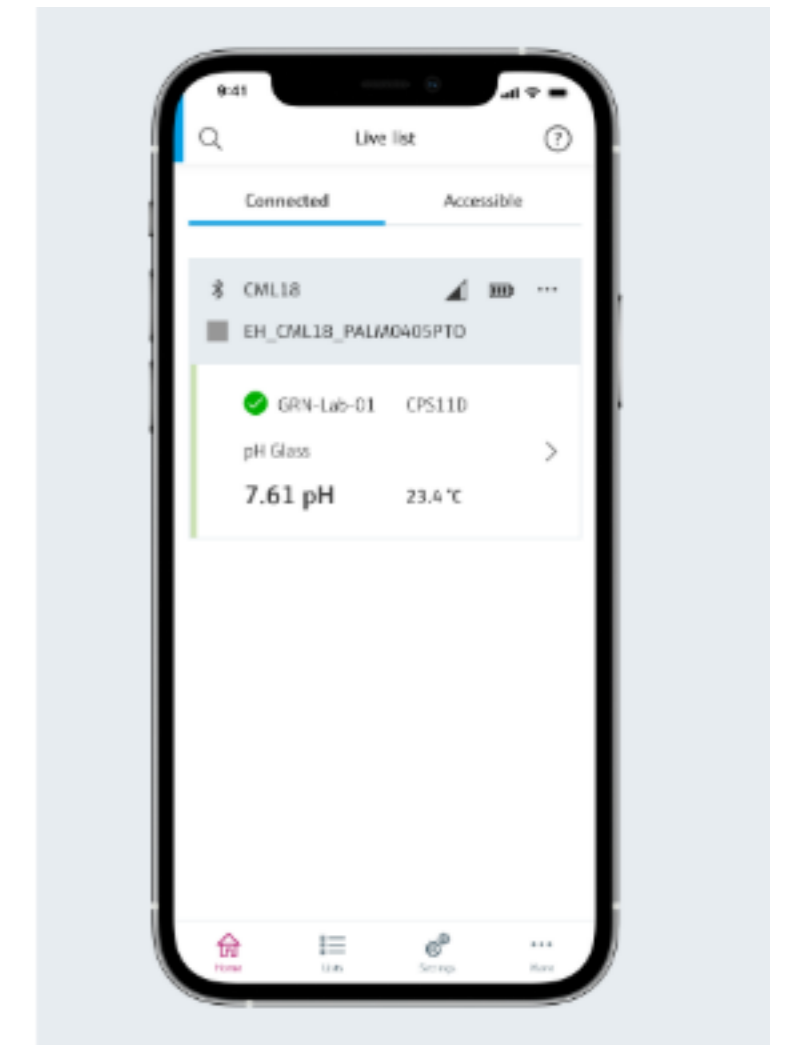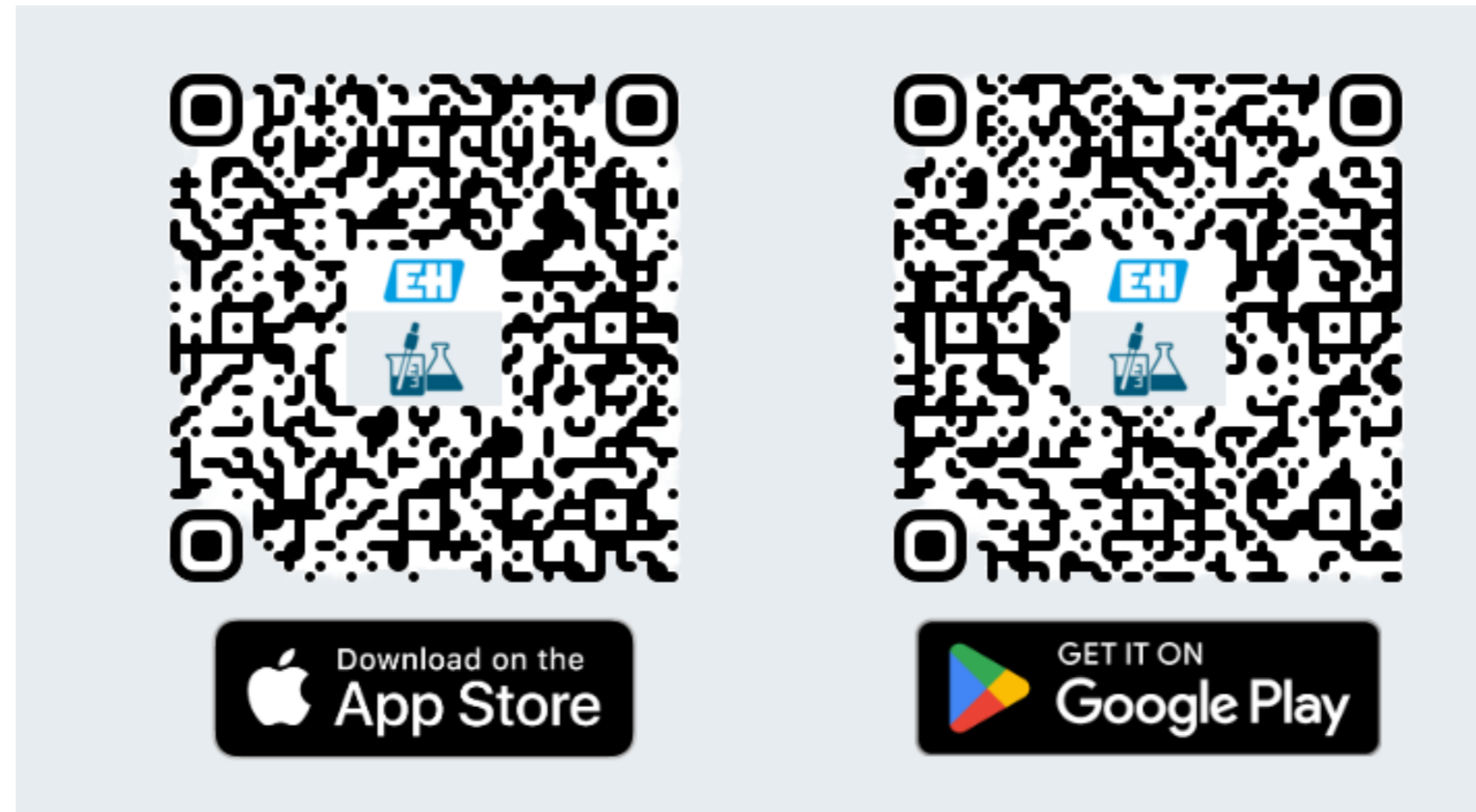
Ecosystem overview

Our Memobase Pro ecosystem with all software and apps at a glance

Always make the right choice: depending on your demands, you can rely on an extensive ecosystem to fulfill your measuring, reporting, and documentation tasks.

Memobase Pro CZL82
Floating network license for mulitple station use
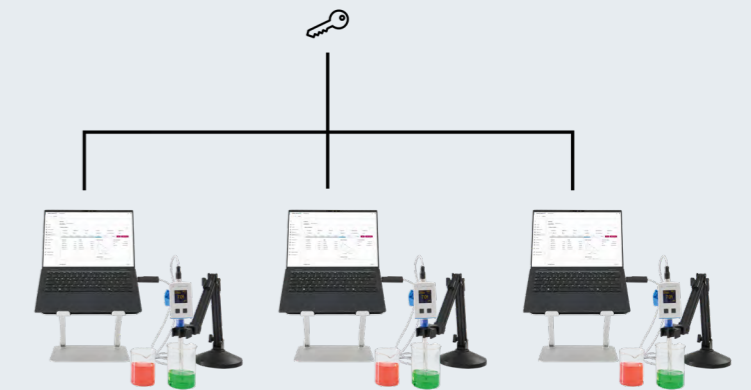
- Integration capability into your existing IT infrastructure. Enabling interfaces to ERP or LIMS systems
- Floating network license enables centralized deployment of Memobase Pro on different target systems/ computers connected to a central server
- Operate Memobase Pro in industrialized environments with state-of-the-art security mechanisms

Additional components

All instruments that simplify your measuring task

Liquiline Mobile CML18

Mobile handheld device for pH/ORP, conductivity and oxygen measurement

Benefits	▪ Memosens sensors offer you the safest data transmission, highest measured value availability and total ease of use ▪ Hot plug & play with pre-calibrated Memosens sensors enables you to rapidly change from one parameter to another ▪ Data Logger function allows you to save more than 10,000 measured values with time and date stamp
Characteristics	Connectable to all pH, conductivity and dissolved oxygen Memosens sensors
Material	▪ Housing: PBT ▪ Display: PMMA ▪ Buttons/cap: TPE ▪ M12 connector: CuZn, nickel-plated
Design	Smart and handy - designed to fit in your pocket
Dimensions	▪ 84 x 54 x 47mm (h x w x d) ▪ 3.31 x 2.13 x 1.85 inch (h x w x d)
Input	One channel instrument with inductive Memosens coupling M12 connector for Memosens cables CYK10 and CYK20
Output / Communication	Bluetooth

MemoLink

Sensor terminal box for Memobase
Pro software

Benefits	- Memosens/USB interface converter - Allows you to connect sensors with and without Ex-approval to your Memobase software - Recommended areas of application are laboratory applications for calibrations and functional testing
Output	- USB port: min USB 2.0 Type B, data rate: 12 MBit/s, USB class: HID - Output voltage: 2.8 to 3.3 V - Output current: 10 mA
Cable specification	- USB cable: max. 5m (16 ft) - Memosens cable: max. 30m (98ft)
Power supply	- The PC supplies power to the sensor(s) and MemoLink(s) via USB cable and enables bidirectional transfer of Memosens data. An active USB hub must have a power unit 5V DC via USB - Low power mode: max. 100 mA as per USB specification 2.0

Memosens pH sensors

Simple, safe, connected

Benefits

- Simple: Calibration under favorable lab conditions, lockable bayonet connector and true plug & play make sensor handling a breeze
- Safe: Non-contact digital data transmission eliminates the effects of moisture, corrosion, and salt bridges with alert messaging if the signal transmission is disturbed. Galvanic isolation ensures interference-free measurement and EMC safety.
- Seamless integration: Memosens 2.0 and Liquiline offer numerous protocols, interfaces and bus communication for fast integration into existing infrastructures and plant asset management

Supported sensors for Memobase Pro

- Memosens CPS11E
- Memosens CPS31E
- Memosens CPS41E
- Memosens CPS61E
- Memosens CPS71E
- Memosens CPS91E
- Memosens CPF81E
- Memosens CPS47E
- Memosens CPS77E
- Memosens CPS97E
- Memosens CPL51E
- Memosens CPL53E
- Memosens CPL57E
- Memosens CPL59E

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Discover our Memobase Pro ecosystem and benefit from ideal synergies between the app, the software and your sensors. Get insights in sensor status and health and capture every measurement you conduct.

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