

# Multichannel, multiparameter software Memobase Plus CYZ71D

Measure, calibrate, and document with one single tool for Memosens sensors



More information and current pricing:

[www.at.endress.com/CYZ71D](http://www.at.endress.com/CYZ71D)

## Benefits:

- **Higher efficiency with easy sensor maintenance:**  
Plug and play with Memosens sensors means: Just swapping the sensors in the process with lab pre-calibrated sensors.
- **Advanced diagnostics with 'Ready for next batch' indication:**  
Memobase Plus evaluates the sensor performance and clearly visualizes the sensor status. You avoid bringing out-of-spec sensors back into the process and ensure your process reliability.
- **Better process safety with sensor traceability:**  
Complete lifetime history of all Memosens sensors is beneficial for GLP, GMP, user management, and audit trail in compliance with FDA 21 CFR Part 11.
- **Full flexibility with multichannel, multiparameter:**  
Memobase Plus turns your computer, laptop or tablet into a space-saving, high-performance device for up to 4 parallel Memosens sensors.
- **100% measuring consistency between lab and process measurements:**  
Memobase Plus as a measuring work station minimizes the risk of discrepancies between laboratory results of grab samples and process values.
- **Highest accuracy for your measurement values:**  
Memobase Plus is the very first tool that enables you to do real multipoint sensor adjustments and calibrations. Benefit from enhanced calculations and statistics for the most accurate measurements.
- **Easy buffer management:**  
With a scanner you import the LOT number, the expiry date, etc. of our buffers into Memobase Plus - it's convenient, fast and error-free. This

allows you to easily trace which sensor has been calibrated with which buffer.

**Field of application:** Memobase Plus is the perfect software to improve your process safety and reliability. It documents the complete lifetime of Memosens sensors offering full traceability with a minimum of paperwork. Memobase Plus turns your computer into a high-performance, space-saving measuring device for up to 4 parallel sensors. You can save and export measurement data and use identical sensors in the laboratory as in the process to achieve truly comparable measurements.

## Features and specifications

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### Conductivity

**Measuring principle**

Potentiometric

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**Application**

Measurement, calibration and documentation of Memosens sensors in laboratories, up to four channels

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**Installation**

Laboratory or work bench applications in safe area  
No connection to PCS!

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**Characteristic**

Product consists of PC software, USB cable, sensor connection box MemoLink and Memosens lab cable CYK20 optionally, CYK10 with M12 plug can be used alternatively

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**Measurement range**

Dependent on connected sensors, please see sensor specifications

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**Measuring principle**

Memosens + measuring principles of the connected sensors

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## Conductivity

**Material**

MemoLink sensor connection box: PBT

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**Dimension**

MemoLink sensor connection box:

97.0 x 31.5 x 77.5 mm

3.82 x 1.24 x 3.05 inch

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**Ex certification**

ATEX II (2)G (Ex ia Gb) IIc which enables to connect Ex- and non-ex sensors alternating to the MemoLink box without losing the sensor's approval

PC, USB cable and MemoLink in safe area only!

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**Ingress protection**

MemoLink: IP 65 when cables are connected

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**Input**

Memosens

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**Output / communication**

USB

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**Additional certifications**

FDA CFR 21 Part 11 Certificate of compliance when Pharma conformity is ordered

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## Oxygen

**Measuring principle**

Amperometric oxygen measurement

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**Application**

Measurement, calibration and documentation of Memosens sensors in laboratories, up to four channels

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## Oxygen

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### Installation

Laboratory or work bench applications in safe area  
No connection to PCS!

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### Characteristic

Product consists of PC software, USB cable, sensor connection box MemoLink and Memosens lab cable CYK20 optionally, CYK10 with M12 plug can be used alternatively

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### Measurement range

Dependent on connected sensors, please see sensor specifications

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### Measuring principle

Memosens and measuring principles of the connected sensors

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### Material

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### Ingress protection

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### Input

Memosens

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### Output / communication

USB

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**Oxygen****Additional certifications**

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**pH****Measuring principle**

Potentiometric

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**Application**

Measurement, calibration and documentation of Memosens sensors in laboratories, up to four channels

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pH

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