Multichannel, multiparameter software Memobase Plus CYZ71D

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

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
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

**pH**

**Measuring principle**
Potentiometric

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

**Installation**
Laboratory or work bench applications in safe area, no connection to PCS!

**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

**Measurement range**
Dependent on connected sensors, please see sensor specifications

**Measuring principle**
Memosens and measuring principles of the connected sensors

**Material**
MemoLink sensor connection box: PBT
**pH**

**Dimension**
MemoLink sensor connection box:
97.0 x 31.5 x 77.5 mm
3.82 x 1.24 x 3.05 inch

**Ex certification**
ATEX II (2)G (Ex ia Gb) IIc which enables to connect Ex- and non-ex sensors alternating to the MemoLoink box without losing the sensor's approval
PC, USB cable and MemoLink in safe area only!

**Ingress protection**
MemoLink: IP 65 when cables are connected

**Input**
Memosens

**Output / communication**
USB

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

**Conductivity**

**Measuring principle**
Conductive

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

**Installation**
Laboratory or work bench applications in safe area
No connection to PCS!
## Conductivity

**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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**Measuring principle**
Memosens + measuring principles of the connected sensors

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**Ingress protection**
MemoLink: IP 65 when cables are connected

**Input**
Memosens

**Output / communication**
USB

**Additional certifications**
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## Oxygen

**Measuring principle**
Amperometric oxygen measurement

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

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

**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

**Measurement range**
Dependent on connected sensors, please see sensor specifications

**Measuring principle**
Memosens and measuring principles of the connected sensors

**Material**
MemoLink sensor connection box: PBT

**Dimension**
MemoLink sensor connection box:
97.0 x 31.5 x 77.5 mm
3.82 x 1.24 x 3.05 inch

**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 loosing the sensor's approval.
PC, USB cable and MemoLink in safe area only!

**Ingress protection**
MemoLink: IP 65 when cables are connected.
**Oxygen**

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<tr>
<th>Input</th>
<th>Memosens</th>
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<td>Output / communication</td>
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**Additional certifications**
FDA CFR 21 Part 11 Certificate of compliance when Pharma conformity is ordered

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