MEMO SENS

Memobase® Plus
Measure, calibrate and document

Get the most out of Memosens® technology

- **Better process safety with sensor traceability:**
  Complete lifetime history of all Memosens sensors used. Beneficial for GLP, GMP, Audit Trail and enables you to operate in accordance with FDA 21CFR Part 11.

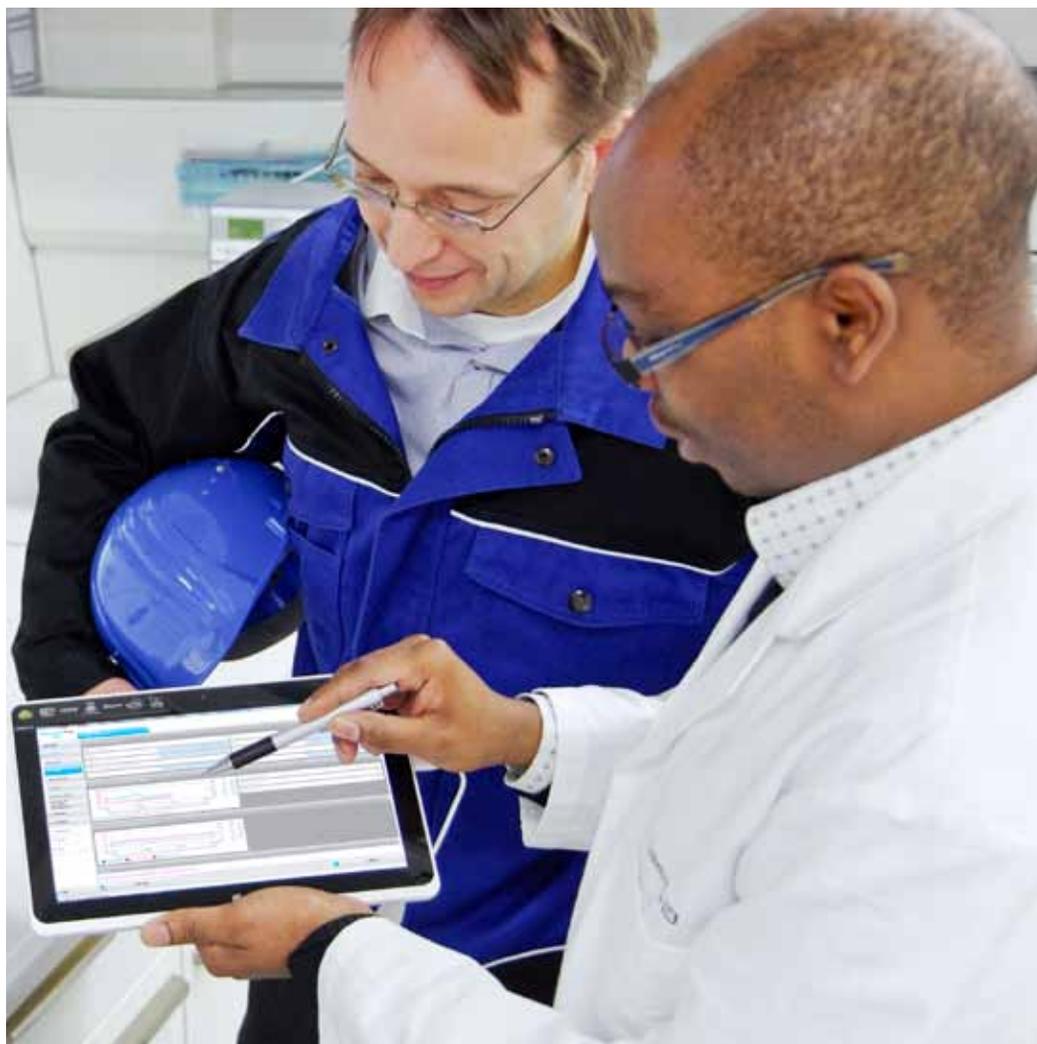- **Improved process reliability with sensor diagnostics:**
  Sensor performance data for true sensor diagnostics. Programmable value limits for sensor exposure to elevated conditions ensure optimum sensor performance.

- **Increased efficiency with simple sensor maintenance:**
  With plug and play technology, Memosens sensors can be exchanged in the process for convenient maintenance and calibration in the laboratory or factory.

- **Versatile measuring station:**
  High-performance instrument for use with up to four Memosens sensors simultaneously. Save and export measurement data and enable the use of an identical sensor in the lab as in the process.

Endress+Hauser [EH]

People for Process Automation

When quality matters

Measure and document with your PC
Memobase Plus is the perfect laboratory tool to support Memosens industrial standard sensors. Installed in a PC, laptop or tablet, your computer turns into a multi-parameter space-saving and high-performance measuring station with up to four parallel channels.

Memobase Plus gives you more bench-space, improves efficiency and offers outstanding reliability for your laboratory results. Measurements of samples with full sensor traceability are securely stored in one database to support your product safety and to enable fast and easy creation of high quality reports.

Better product quality with error-free sensor handling
Memobase Plus as a measuring workstation minimizes the risk of inconsistencies between laboratory results of grab samples and online values. The same type of sensors with identical signal communication can be used in the laboratory and in the process, essential for product quality improvement as well as production efficiency.

Complete sensor traceability

With as-found/as-left documented values, changes in the sensor characteristics during the batch are identified and stored.

Process safety by design

All measured values are converted into robust digital signals transferred over a non-contact coupling unaffected by moisture, cable length or electrical interferences.
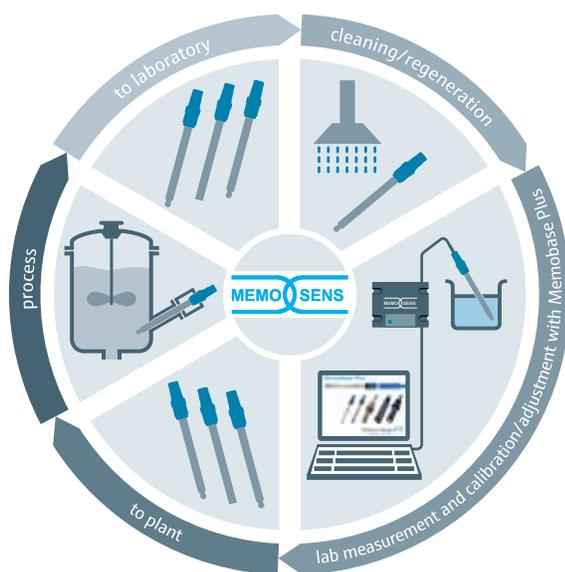
Maintenance made easy

Save time and money

Memosens technology makes maintenance simple: calibration and sensor checks can be done at your convenience and under controlled conditions. Limit sensor values can be defined for each individual sensor to support process and quality management and ensure that damaged sensors are not returned to your process, helping to improve process safety. Sensor lifetime is prolonged, reliability is improved and valuable maintenance time can be saved. Process and maintenance staff can focus on their main task – running the process.

Save valuable maintenance time and increase process and product safety: plug and play with Memosens technology. Sensor maintenance and documentation are conveniently done in the laboratory.

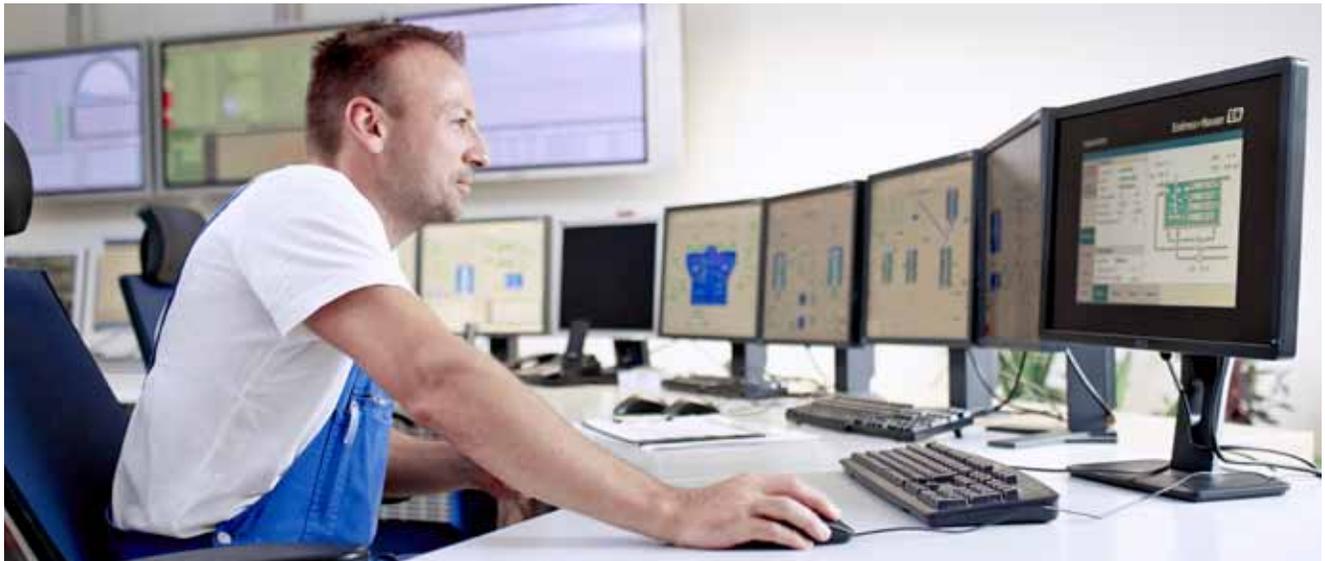
Calibrate and document under controlled conditions

With Memobase Plus, Memosens sensors can be conveniently and accurately adjusted in the laboratory. Sensor and calibration values are stored both in the sensor and in your computer's database. The database will carry a complete history of all Memosens sensors used in your plant including the buffer and user management – all easily accessible from any computer connected to the network! Sensor and calibration reports as well as security-relevant activity sequences for audit trials can be conveniently printed whenever needed.

Multi-parameter for maximum flexibility
- pH and ORP
- Conductivity
- Oxygen
- Chlorine

Integration into plant asset management

Work better, work smarter
A complete overview of installed assets is essential to keep your installed base at maximum performance during the operation phase. By visualizing the sensor values with performance and calibration protocols at a glance, process reliability and product safety can be assured with minimum effort. Once integrated into Endress+Hauser's asset management system, the benefits of Memobase Plus can be spread across your departments.
Harmonized asset view

Memobase Plus provides access into Endress+Hauser's W@M® portal for paperless sensor documentation, offering the distinct benefits of faster time to production and increased production efficiency. What's more, the historical data generated from sensor performance protocols in Memobase Plus aids improved GMP management for audits and authority inspections.

ISO 9001 Certified

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