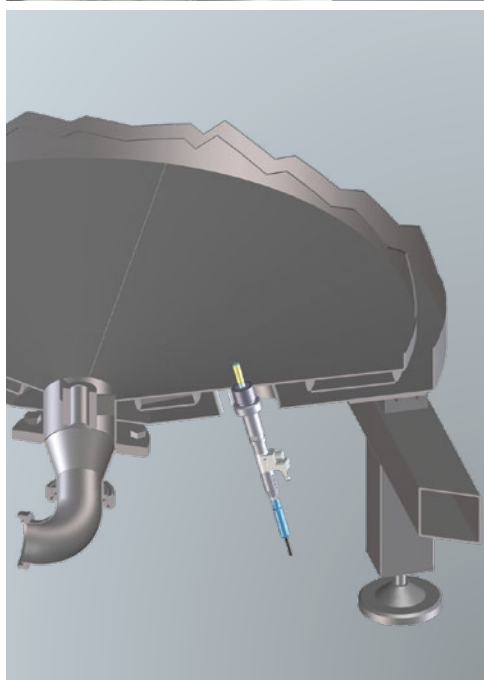


pH VALUE MEASURING with **daxpH⁺**

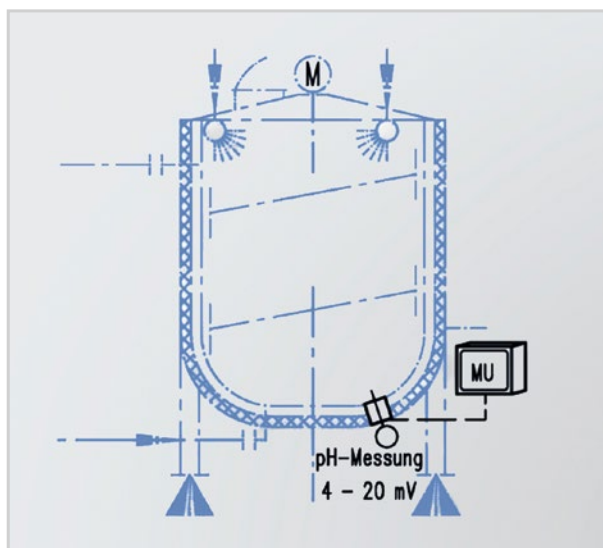
FOR MONITORING THE FERMENTATION PROCESS



→ The continuous transmission of the pH value and temperature to the control system ensures that deviations are detected immediately



Ideally suited for
manufacturing products with
defined characteristics



Special advantages of daxpH⁺:

- Continuous monitoring of the fermentation process
- Inline measuring
- CIP-capable and SIP-capable
- Reduced production costs due to the early detection of deviations
- Facilitated manufacturing of products with defined characteristics
- Electrode with long-term stability (glass-free)
- Permanent monitoring of the electrode using current pulses allows the early detection of possible damage

Functional principle:

daxpH⁺ monitors and determines the pH value during the manufacturing process. The pH value and temperature are continuously transmitted to the control system. Therefore, the measuring values are already available during the fermentation process.

The comparison with target graphs (with defined values) allows the detection of any deviation. This means that new parameters for the process can be sent to the control system immediately.

Design:

- pH electrode (hygienic design)
- Measuring cable
- Measuring transmitter
- Electrolyte vessel made of stainless steel
- Electrolyte fluid

Option:

- Measuring transmitter type 2, 4 or 8 (for the installation of several sensors)
- Ultra-sound sensor for fill level monitoring

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