

pH buffers

CPY20

Highly precise pH buffers for all industries



More information and current pricing:

www.endress.com/CPY20

Benefits:

- The high accuracy and reproducibility of the buffers help you optimize the pH value in your process and maximize the yield and quality of your product.
- All used preservatives are FDA-listed for highest product safety in FDA-supervised processes.
- Temperature curves of CPY20 pH buffers are pre-programmed in all Liquiline series transmitters to simplify sensor calibration and adjustment, reducing your maintenance effort.
- The easily accessible, identical certificates of all CPY20 pH buffers simplify your audit trails and improve the reliability of your SOPs.
- Detailed, individual buffer analysis certificates are available in the **Download Area**. Enter your lot number in the "Text Search" field and click the "Start Search" button.

Field of application: The high-quality CPY20 buffers guarantee pH calibration to ultimate precision. They are produced and bottled in the production laboratory and tested in the calibration laboratory. These tests are performed with a subsample according to ISO 17025 regulations. The buffers are specified with an expanded measurement uncertainty of ± 0.02 pH ($> \text{pH } 10$: ± 0.05 pH). The buffers contain only FDA-listed preservatives. Using CPY20 you will achieve correct values that you can rely on.

Features and specifications

pH

Measuring principle

Potentiometric

Application

pH buffer solution to calibrate all pH sensors

pH

Characteristic

Accuracy 0.02 pH values according GUM

Buffer higher pH 10 accuracy 0.05 pH values according GUM

Measurement range

pH 2.0

pH 4.0

pH 7.0

pH 9.0

pH 9.2

pH 10.0

pH 12.0

Design

The different buffer solutions are colored to avoid mixing of the buffers.

pH 4.0 --> red

pH 7.0 --> green

pH 9.2 --> blue

Dimension

Available in different volume units:

5000ml for use in the Liquiline Control CDC90 system

1000 ml /250ml

18 ml for single use.

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