

pH Technical Calibration Solutions



Technical Solutions (± 0.01 pH) for Each Point of the pH Scale

To obtain precise and valid pH measurements, the pH meter and electrode must be calibrated at a minimum of two different points, close to the value of the sample to be tested. For this type of calibration, Hanna offers technical solutions for each point of the pH scale.

This complete scale of buffer solutions offers a higher degree of accuracy for pH measurements in specific areas of application, as in monitoring the pH of must and wine. This line includes twenty solutions starting from a value of pH 1.00 up to pH 13.00 with an accuracy of ± 0.01 pH, thus covering every point of the pH scale.

These solutions are dedicated to applications that require extremely accurate pH monitoring, and come with a certificate of analysis prepared by comparison against NIST standards.

Also available are solution bottles that are colored according to a given standard calibration value: HI5004-R (Red), HI5007-G (Green) and HI5010-V (Violet).

Easy to Use Single Dose Sachets

For the highest level of reliability of field instrumentation, technical solutions are available in convenient single dose sachets in 10 or 25 pack quantities.

Hanna Combination Kits in Bottles

Use our combination kits for easy ordering and reordering.

Code	Solutions (pH Value @25°C)	Bottle
HI54710	pH 4.01, pH 7.01, pH 10.01	500 mL (3)
HI54710-10	pH 4.01, pH 7.01, pH 10.01, HI70300L	500 mL (4)
HI54710-11	pH 4.01, pH 7.01, pH 10.01, HI70300L, HI7061L	500 mL (5)

Bottles

pH Value @25°C	Code	Package
1.00	HI5001	500 mL
1.68	HI5016	500 mL
2.00	HI5002	500 mL
2.00	HI5002-01	1 L
3.00	HI5003	500 mL
4.01	HI5004	500 mL
4.01	HI5004-01	1 L
4.01	HI5004-R	500 mL (color coded bottle)
4.01	HI5004-R08	1 G (3.78 L) (2) (color coded bottle)
5.00	HI5005	500 mL
5.00	HI5005-01	1 L
6.00	HI5006	500 mL
6.86	HI5068	500 mL
7.01	HI5007	500 mL
7.01	HI5007-01	1 L
7.01	HI5007-G	500 mL (color coded bottle)
7.01	HI5007-G08	1 G (3.78 L) (2) (color coded bottle)
7.41	HI5074	500 mL
8.00	HI5008	500 mL
8.00	HI5008-01	1 L
9.00	HI5009	500 mL
9.18	HI5091	500 mL
10.01	HI5010	500 mL
10.01	HI5010-01	1 L
10.01	HI5010-V	500 mL (color coded bottle)
10.01	HI5010-V08	1 G (3.78 L) (2) (color coded bottle)
11.00	HI5011	500 mL
12.00	HI5012	500 mL
12.45	HI5124	500 mL
13.00	HI5013	500 mL

Sachets

pH Value @25°C	Code	Package
1.00	HI50001-02	20 mL (25)
1.68	HI50016-01	20 mL (10)
1.68	HI50016-02	20 mL (25)
2.00	HI50002-02	20 mL (25)
3.00	HI50003-02	20 mL (25)
4.01	HI50004-01	20 mL (10)
4.01	HI50004-02	20 mL (25)
5.00	HI50005-02	20 mL (25)
6.86	HI50068-02	20 mL (25)
7.01	HI50007-01	20 mL (10)
7.01	HI50007-02	20 mL (25)
9.00	HI50009-02	20 mL (25)
9.18	HI50091-02	20 mL (25)
10.01	HI50010-01	20 mL (10)
10.01	HI50010-02	20 mL (25)
11.00	HI50011-02	20 mL (25)
12.00	HI50012-01	20 mL (10)
12.00	HI50012-02	20 mL (25)
12.45	HI50124-02	20 mL (25)
13.00	HI50013-02	20 mL (25)

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