

Standardized pH Buffer Solutions

For use in calibration of pH meters. Available in 120 mL (-J) and 500 mL (-L) sizes.

pH 4.00

Code

2866

pH 7.0

Code

2881

pH 10.00

Code

2896



Code 5-0038-01

Code 5-0036-01

Electronic

LaMotte pH & Conductivity Meters Series

An outstanding lineup of instruments for measuring pH, Conductivity, and TDS. These handheld meters incorporate advanced microprocessor technology within attractive compact designs, resulting in a combination of hi-tech performance, user-friendly operation, and affordability.

Model	CON 6 Meter (Conductivity)	TDS 6 Meter (TDS)	CON 6 & TDS 6 (Temperature)
Order Code	w/out case 5-0038-01 w/case 5-0039-01	w/out case 5-0036-01 w/case 5-0037-01	
Range:	0.0 to 20.00, 200.0, 2,000.0 μ S 0 to 20.00, 200.0 mS	0.0 to 10.00, 100.0, 1000 ppm 1.00 to 10.00, 100.0, 200 ppt	-10.0 to 110.0°C
Resolution:	0.01, 0.1, 1 μ S, 0.01, 0.1 mS	0.01, 1, 1.0 ppm, 0.01, 0.1 ppt	0.1°C
Accuracy:	\pm 1% full scale or \pm 1 digit	\pm 1% full scale	\pm 0.5°C
Calibration:	up to 5 points (1 per range) for multi-point calibration; or 1 point for single point for entire range		Offset 0.1°C increments
Temperature Compensation:	Automatic Temperature Compensation (ATC) fixed 2% per °C factor, adjustable 73%		
Power:	4 AAA alkaline batteries (supplied) >60 hours continuous use		
Display:	Single Custom LCD		
Auto shut-off:	After 17 minutes		
Operating Temperature:	32 to 122°F; 0 to 50°C		
Shipping	NH (3)		
Size:	2.75 W x 5.75 H x 1.375 D in.		



GLOBE

BAP

Optional ISE Electrodes

Although the pHPLUS Direct reads directly in ppm, an initial calibration is required. The standard solution, replacement electrolyte, ionic strength adjustor and pipet are included in the Accessory Kit. The ammonia accessory kit also contains replacement membranes.

Accessory Kits

Code	Description
5-0098	Ammonia
5-0100	Nitrate

Ion Selective Electrodes

Code	Description
5-0043	Ammonia
5-0048	Fluoride
5-0052	Nitrate

Instrumentation

Model	pH 5		pH PLUS DIRECT			
	(pH)	(Temperature)	pH	Temperature	Concentration	mV
Order Code	w/out case 5-0034 with case 5-0035		pHPLUS Direct Meter, liquid buffers (4, 7, 10) w/case Order Code 5-1936 pH Electrode, gel filled Order Code 1904 Temperature Probe Order Code 1909			
Range:	0.00 - 14.00 pH	0.0 - 100.0°C	0.00 to 14.00	0 to 100°C	0.00 to 100	±500mV
Resolution:	0.01 pH	0.1°C	0.01	0.1°C	± LSD	±1 mV
Accuracy:	±0.01 pH	±0.5°C	0.01	±0.1°C	±0.5% or ±1 LSD	1 mV
Calibration:	Up to 3 Buffer Values (pH 4.01, 7.00, 10.0)	Offset 0.1°C increments	2 or 3 point automatic			
Temperature Compensation:	Automatic Temperature Compensation (ATC)		Automatic Temperature Compensation (ATC)			
Power:	4 AAA alkaline batteries (supplied) >70 hours continuous use		4 AAA alkaline batteries (supplied) >70 hours continuous use			
Display:	Single Custom LCD		Single Custom LCD			
Auto shut-off:	After 17 minutes		After 17 minutes			
Operating Temperature:	32 to 122°F; 0 to 50°C		32 to 122°F; 0 to 50°C			
Electrode:			Epoxy, Ag/AgCl			
Inputs:			1 BNC, Temp probe, power, ref.pin			
Shipping	NH (3)		NH (3)			
Size:	2.75 W x 5.75 H x 1.375 D in.		2.75 W x 5.75 H x 1.375 D in.			