

Maintenance Solutions

Buffers are prepared with analytical grade chemicals under stringent ISO 9002 regulations in a clean laboratory environment using high tech reference material. pH buffers are certified to ± 0.01 accuracy at 25°C and carry individual expiration dates.

Model	Description	Price
HI7004L	4.01 pH Buffer Sol.	\$12
HI7007L	7.01 pH Buffer Sol.	\$12
HI7010L	10.01 pH Buffer Sol.	\$12
HI7020L	OPR Test Sol., 200-275 mV	\$26

Each conductivity solution is prepared using high grade Potassium Chloride standardized with a meter pre-calibrated with NIST 999 KCl and conforming to NIST 2201 Silver Nitrate solution. Supplied complete with conductivity vs. temperature chart.

Model	Description	Price
HI7030L	12,800 $\mu\text{S}/\text{cm}$	\$12
HI7031L	1,413 $\mu\text{S}/\text{cm}$	\$12
HI7034L	80,000 $\mu\text{S}/\text{cm}$	\$22



Solutions supplied in 460 ml, FDA-approved amber plastic bottles which are impervious to direct light

Model	Description	Price
HI7040L	Zero Oxygen Sol'n	\$16
HI7051L	Soil Preparation Solution	\$16
HI7080L	2.3 g/L Na Solution	\$29
HI7081L	30 g/L NaCl Solution	\$29

Clean the liquid junction of your electrodes once a day or at least once a week to prevent clogging and to maintain accuracy. After cleaning, keep electrodes in proper working condition by storing them in storage solution.

Model	Description	Price
HI7061L	General Purpose Sol.	\$12
HI7074L	Inorganic Cleaning Sol.	\$29
HI7077L	Oil & Fat Cleaning Sol.	\$29
HI70300L	Storage Sol.	\$12

All reference electrodes (except gel or solid) need to be refilled to maintain a positive head against sample ingress through the junction. Hanna Electrolytes are standardized by titration with NIST standardized Silver Nitrate solutions. Supplied in 50 ml bottles. 4/pkg.

Model	Description	Price
HI7071	3.5M KCl + AgCl, Single Junction	\$59
HI7072	1M KNO_3 for Double Junction	\$59
HI7041S	O_2 Electrolyte Solution, 30 ml	\$20

pH Buffer & Indicator Papers



Quickly calibrate your pH meter in the lab or field. To make your own fresh buffer solutions, simply dissolve a tablet in 20ml of distilled water. Available in two pH ranges, each package contains five cards of 10 tablets each.

Model	Description	Price
80747-B-4	4 pH Buffer Tablets	\$23
80747-B-7	7 pH Buffer Tablets	\$40

For quick preparation of fresh buffer solutions, these colour-coded buffer capsules make 100ml of standard buffer solution accurate within ± 0.02 pH. Available in three pH ranges, ten capsules in each.



Model	Description	Price
80748-C-4	4 pH Buffer Caps. Red	\$13
80748-C-7	7 pH Buffer Caps. Green	\$13
80748-C-10	10 pH Buffer Caps. Blue	\$13

ColorHast pH strips make it easy to get an accurate measurement of weakly buffered or dark turbid solutions. They will not contaminate or add impurities to solutions. 100 ColorHast strips in each pack.



Model	Description	Price
WIDE RANGE STRIPS		
80748-WS-12	1.0 pH, 1.0 to 12.0	\$28
80748-WS-13	1 pH, 0 to 13	\$38
80748-WS-14	1 pH, 1 to 14	\$38
INTERMEDIATE RANGE STRIPS		
80748-IS-6	0.5 pH, 0.0 to 6.0	\$33
80748-IS-9	0.5 pH, 5.0 to 9.0	\$32
80748-IS-13	0.5 pH, 6.5 to 13.0	\$32
80748-IS-13/1	1 pH, 0 to 13	\$32
80748-IS-14	1 pH, 1 to 14	\$33
NARROW RANGE STRIPS		
80748-NS-2.5	0.5 pH, 1.0 to 2.5	\$28
80748-NS-5.5	0.5 pH, 3.0 to 5.5	\$28
80748-NS-7.5	0.5 pH, 4.5 to 7.5	\$28
80748-NS-8	0.5 pH, 6.0 to 8.0	\$28
80748-NS-9.5	0.5 pH, 8.0 to 9.5	\$28
80748-NS-12	0.5 pH, 9.0 to 12.0	\$28
80748-NS-12/1	0.5 pH, 10.0 to 12.0	\$28
80748-NS-14	0.5 pH, 12.5 to 14.0	\$28

Instant pH checks. One dip determines any pH from 0 to 13. Colour chart check points at each pH unit value, no guessing.

The compact plastic dispenser contains a 50-foot roll of 1/2-inch tape and a colour comparison chart.



Model	Description	Price
80748-IC	pH Paper Dispenser	\$23

Set contains 7 single roll test papers in plastic dispensers, covering the complete 0 to 14 pH range. Includes wide range 0 to 13 pH, and narrow pH ranges: 1.0 to 2.5; 3.0 to 5.5; 6.0 to 8.0; 8.0 to 9.5; 10.0 to 12.0; and 12.5 to 14.0.



Model	Description	Price
80748-M	Midget Pocket pH Set	\$50