



# PH/EC/TDS METERS & SOLUTIONS

**No hassle guarantee!**

## WATERPROOF SHARP TESTERS

Code#	Description	Cs Qty	MSRP
716600	pH51 waterproof pH tester	1	\$73.95
716601	MA73600 replacement probe for pH51	1	\$46.95
722300	MA9004 - 220ml 4.01 buffer solution	16	\$9.95
722305	MA9007 - 220ml 7.01 buffer solution	16	\$9.95
722310	MA9015 - 220ml storage solution for pH electrode	16	\$9.95
722315	MA9016 - 220ml probe cleaning solution	16	\$9.95
716301	M10004B - 20ml packet 4.01 buffer solution	25	\$1.00
716306	M10007B - 20ml packet 7.01 buffer solution	25	\$1.00

### WATERPROOF pH TESTER Model pH51



Waterproof pH tester with 2 point manual calibration,  $\pm 0.1$  pH accuracy, range: 0.0 to 14.0 pH, replaceable MA73600 pH electrode with battery technology providing 1500 hours of battery life.

Code#	Description	Cs Qty	MSRP
716605	T75 waterproof TDS tester	1	\$76.95
716606	MA73075 replacement probe for T75	1	\$52.95
722325	MA9062 - 220ml 1382 ppm TDS solution	16	\$9.95
722326	M10032B - 20ml packet 1382 ppm TDS solution	25	\$1.00

### WATERPROOF TDS TESTER Model T75



Waterproof TDS tester with automatic temperature compensation and 1 point manual calibration range: 0.0 to 1999 ppm (mg/L), replaceable MA73075 probe.

Code#	Description	Cs Qty	MSRP
716630	C65 waterproof EC tester	1	\$76.95
716611	MA73076 replacement probe for C65/T75	1	\$52.95
722340	MA9061 - 220ml 1413 $\mu$ S/cm EC solution	16	\$9.95
722341	M10031B - 20ml packet 1413 $\mu$ S/cm EC solution	25	\$1.00

### WATERPROOF EC TESTER Model C65



Waterproof conductivity tester with automatic temperature compensation and 1 point manual calibration range: 0 to 1999  $\mu$ S/cm, replaceable MA73075 probe.

Code#	Description	Cs Qty	MSRP
716610	T76 waterproof TDS tester	1	\$76.95
716611	MA73076 replacement probe for C65/T76	1	\$52.95
722036	M10038B - 20ml packet 6.44 ppt TDS solution	25	\$1.00

### WATERPROOF TDS TESTER Model T76



Waterproof TDS tester with automatic temperature compensation and 1 point manual calibration range: 0.0 to 9990 ppm (mg/L), replaceable MA73076 probe.

## SMART STANDARD pH - EC - TDS CONTINUOUS MONITORS

Code#	Description	Cs Qty	MSRP
716660	SMS110 pH monitor	1	\$110.95
716661	MA911B/2 replacement probe for SMS110	1	\$54.95
722300	MA9004 - 220ml 4.01 buffer solution	16	\$9.95
722305	MA9007 - 220ml 7.01 buffer solution	16	\$9.95
722310	MA9015 - 220ml storage solution for pH Electrode	16	\$9.95
722315	MA9016 - 220ml probe cleaning solution	16	\$9.95
716301	M10004B - 20ml packet 4.01 buffer solution	25	\$1.00
716306	M10007B - 20ml packet 7.01 buffer solution	25	\$1.00

### pH MONITOR Model SMS110



pH monitor, range: 0.0 to 14.0 pH, with 2 point manual calibration, and accuracy of  $\pm 0.2$  pH. Set point range: 3.5 to 7.5 pH, and led visual alarm active when reading is higher than set point. Supplied with 12v DC power adapter, MA911B/2 double junction pH electrode, 20ml. pH 7.01 buffer solution and screwdriver for calibration.

Code#	Description	Cs Qty	MSRP
716650	SMS410 TDS monitor	1	\$110.95
706651	MA812D/2 replacement probe for SMS410	1	\$49.95
722346	M10442B - 20ml packet 1500 ppm solution	25	\$1.00

### TDS MONITOR Model SMS410



TDS monitor, range: 0-1990 ppm with accuracy of  $\pm 2\%$  full scale and with 1 point manual calibration and automatic

temperature compensation. Set point range 700 to 1800 ppm, and led visual alarm active when reading is lower than set point. Supplied with 12v DC power adapter, MA812B/2 conductivity probe and 20ml. 1500 ppm packet buffer solution and screwdriver for calibration.



## SMART PORTABLES

**No hassle guarantee!**

### PORTABLE TDS METER Model SM401



TDS monitor, range: 0-1990 ppm with accuracy of  $\pm 2\%$  full scale and with 1 point manual calibration and automatic temperature compensation. Set point range 700 to 1800 ppm, and led visual alarm active when reading is lower than set point. Supplied with 12v DC power adapter, MA812B/2 conductivity probe and 20ml. 1500 ppm packet buffer solution and screwdriver for calibration.

Code#	Description	Cs Qty	MSRP
716655	SM401 Portable TDS monitor	1	\$101.95
716656	MA811D/1 replacement probe for SM401	1	\$49.95
722325	MA9062 - 220ml 1382 ppm TDS solution	16	\$9.95
722326	M10032B - 20ml packet 1382 ppm TDS solution	25	\$1.00

### PORTABLE pH METER Model SM100



pH meter, range: 0.0 to 14.0, with 2 point manual calibration, and accuracy of  $\pm 0.2$  pH. Supplied with a MA911B/1 double junction pH electrode, 9v battery, 20ml pH 7.01 packet buffer solution and screwdriver for calibration.

Code#	Description	Cs Qty	MSRP
716665	SM100 Portable pH meter	1	\$106.95
716666	MA911B/1 replacement probe for SM100	1	\$54.95
722300	MA9004 - 220ml 4.01 buffer solution	16	\$9.95
722305	MA9007 - 220ml 7.01 buffer solution	16	\$9.95
722310	MA9015 - 220ml storage solution for pH Electrode	16	\$9.95
722315	MA9016 - 220ml probe cleaning solution	16	\$9.95
716301	M10004B - 20ml packet 4.01 buffer solution	25	\$1.00
716306	M10007B - 20ml packet 7.01 buffer solution	25	\$1.00

## COMBINATION 3 IN 1 pH - EC - TDS METER

### SMART pH/EC/TDS COMBINATION METER Model SM802



Smart pH/EC/TDS combination meter, range: 0.00 to 14.00 pH, 0 - 4000 ppm, 0.00 - 6.00 mS/cm, accuracy of  $\pm 0.20$  pH and  $\pm 2\%$  full scale for EC and TDS. Supplied with a MA850 combination electrode, 9v battery, 20ml packet buffer solution of pH 7.01, 1500 ppm and 1413  $\mu$ S/cm.

Code#	Description	Cs Qty	MSRP
716615	SM802 smart pH/EC/TDS combination meter	1	\$227.95
716616	MA850 replacement probe for SM802	1	\$79.95
722300	MA9004 - 220ml 4.01 buffer solution	16	\$9.95
722305	MA9007 - 220ml 7.01 buffer solution	16	\$9.95
716301	M10004B - 20ml packet 4.01 buffer solution	25	\$1.00
716306	M10007B - 20ml packet 7.01 buffer solution	25	\$1.00
722346	M10442B - 20ml packet 1500 ppm TDS solution	25	\$1.00
722340	MA9061 - 220ml 1413 $\mu$ S/cm EC solution	16	\$9.95
722341	M10031B - 20ml packet 1413 $\mu$ S/cm EC solution	25	\$1.00

### SUGAR REFRACTOMETER ATC Model MR32



Code#	Description	Cs Qty	MSRP
716695	MR32 Sugar Refractometer ATC	1	\$116.95

Sugar refractometer for general purpose with ATC. Range 0 - 32% brix, resolution 0.1%. Use this item to gauge the health of your plants by measuring their sugar content. This method is used by horticulturalists to indicate plant stress before the plant shows symptoms. Simple to use - just extract one drop of liquid from the petiole tissue (leaf stem) & easily measure sugar content.

## SMART CAL-TEST CONTINUOUS MONITOR

### SMART pH METER WITH CAL TEST Model SMS115



pH meter with cal-test, range: 0.0 to 14.0 pH, accuracy of  $\pm 0.2$  pH, manual calibration in 2 points. Supplied with 12v DC power adapter, MA912B/2 pH electrode, 20ml packet of cal-test solution, 4.01 solution, 7.01 solution, storage solution and screwdriver for calibration.

Code#	Description	Cs Qty	MSRP
716635	SMS115 pH meter with cal test	1	\$100.95
716636	MA912B replacement probe for SMS115	1	\$54.95
722300	MA9004 - 220ml 4.01 buffer solution	16	\$9.95
722305	MA9007 - 220ml 7.01 buffer solution	16	\$9.95
722310	MA9015 - 220ml storage solution for pH Electrode	16	\$9.95
722315	MA9016 - 220ml probe cleaning solution	16	\$9.95
716301	M10004B - 20ml packet 4.01 buffer solution	25	\$1.00
716306	M10007B - 20ml packet 7.01 buffer solution	25	\$1.00



# PH/EC/TDS METERS & SOLUTIONS

Code#	Description	MSRP
716051	pH Truncheon™ Meter	\$199.95
716053	Replacement Probe	\$108.95
716054	Replacement Contact Rings (3 per pack)	\$10.95

## pH TRUNCHEON™ METER



With it's easy to read illuminated display, one-touch calibration system, super clear instructions and no buttons to push, measuring pH just got a whole lot simpler. The flashing lights you love so much; the easiest calibration system ever; reliability only Bluelab® products can provide; longest lasting probe on the market AND it's replaceable; auto on just like the Bluelab® Truncheon; Automatic Temperature Compensation; a scale of 2.0pH - 10.9 pH. 3 year Bluelab® Guarantee (1 year for probe)

Code#	Description	MSRP
716050	Original Truncheon™ Meter – Measures EC/PPM	\$135.00

## ORIGINAL TRUNCHEON™ METER



**Reliable! Easy to Use!  
No calibration required**

Features of this reliable meter include: EC, CF and ppm scales, factory calibrated, fully waterproof, auto turn on and off. It is powered by three standard AA batteries. There are no external switches or adjustment knobs. 5 year Bluelab® Guarantee (1 year for probe)

Code#	Description	MSRP
716441	Bluelab® Combo Meter	\$299.95
716445	Replacement pH Probe	\$81.95

## COMBO METER

Product No. 716445



- Light weight and portable
- Measures pH, Nutrient and Temperature
- Three display options for nutrient - EC, CF, ppm (500 scale)
- Two display options for temperature (°C or °F)
- Three calibration points, 4, 7 and 10 pH
- Temperature at a push of a button

- Simple push button pH calibration
- Auto turn off function
- Large 13mm (1/2") digital display for easy reading
- Supplied with quality probes and pH calibration solutions
- Low battery indicator with long life 3 AAA batteries
- 5 year Bluelab® Guarantee (6 mo for pH probe)

Code#	Description	MSRP
716442	Bluelab® Nutrient Monitor	\$115.95

## NUTRIENT MONITOR

- Continuously measures ppm
- Temperature reading at a touch of a button - range 32 - 122° F
- Flashing LED alarm quickly seen in a dark growing area
- 2 meter probe length
- Large 13mm (1/2") digital display for easy reading
- Long battery life (18 mo. from alkaline batteries)

- Ready to mount on wall or surface
- Automatic temperature compensation
- Serial interface socket for connection to the Bluelab Maestro™
- 3 AA batteries
- 2 year Bluelab® Guarantee



Code#	Description	MSRP
716444	Bluelab® pH Meter	\$233.95
716445	Replacement pH Probe	\$81.95

## pH METER

Product No. 716445



- Quality pH probe included
- Calibration solutions included
- Simple push button pH calibration
- Auto turn off function
- Light weight and portable
- Large 13mm (1/2 in) digital display for easy reading
- Low battery indicator
- 3 AAA batteries
- 5 year Bluelab® Guarantee (6 mo. for probe)

Code#	Description	MSRP
716443	Bluelab® pH Monitor	\$183.95
716445	Replacement pH Probe	\$81.95

## pH MONITOR

Product No. 716445



- Continuously takes readings from nutrient solution
- Simple manual pH calibration
- 2 meter probe length
- Calibration solutions supplied
- International BNC socket for pH probe connection
- Flashing LED alarm quickly seen in a dark growing area
- Ready to mount on wall or surface
- Large 13mm (1/2") digital display for easy reading
- Long battery life (18 months from alkaline batteries)
- Serial interface socket for connection to the Bluelab Maestro™
- 3 AA batteries
- 2 Year Bluelab® Guarantee





## OAKTON® ULTRA BASIC pHTESTR®



Code#	Description	MSRP
716105	Waterproof Ultra Basic pHTestr®	\$71.95
716045	Replacement Electrode for Ultra Basic & pHTestr® 1 (35624-09)	\$49.95

- Waterproof, dustproof and floats
- Replaceable electrode lets you reuse same meter body, saving you money
- Push-button one-point calibration
- Microprocessor-based auto buffer recognition
- Hold function; auto-off; error messages
- Certifiable to IP67 standards
- Single junction
- 1 to 15.0 pH

## OAKTON® BASIC pHTESTR®



Code#	Description	MSRP
716109	Waterproof Basic pHTestr®	\$85.95
716037	Replacement Electrode for Basic & pHTestr® 2 (35624-29)	\$62.95

- Waterproof, dustproof & floats
- Automatic Temperature Compensation (ATC)
- Replaceable electrode lets you reuse same meter body
- Push-button three-point calibration
- Hold function; auto-off; error messages
- Auto buffer recognition
- Certifiable to IP67 standards
- Single junction
- 1 to 15.0 pH

## OAKTON® ULTRA BASIC TDSTESTR



Code#	Description	MSRP
716107	Waterproof Ultra Basic TDSTestr	\$78.95
716040	Replacement Electrode for TDS & EC Testrs (35661-17)	\$58.95

- Feature push-button calibration and high  $\pm 1\%$  full scale accuracy!
- Waterproof, dust proof housing that floats is certifiable to IP67 standards
- Replaceable sensor lets you reuse same meter body, saving you money
- Automatic Temperature Compensation
- 0 - 1990 PPM
- Hold function, Auto-Off

Our waterproof microprocessor TDSTestr basic offers push-button calibration and  $\pm 1\%$  accuracy in a rugged waterproof housing. Never worry about losing your tester in a pond or tank; these testers float!

## OAKTON® DOUBLE JUNCTION pHTESTR® 10 Large display



Code#	Description	MSRP
716046	Waterproof pHTestr® 10	\$115.95

- Replaceable double junction electrode... use Testr body many times over, which saves you money
- Automatic Temperature Compensation (ATC)
- Push-button three-point calibration
- Microprocessor-based
- Auto buffer recognition
- Hold function; auto-off; error messages
- Certifiable to IP67 standards
- pH range - 1.0 to 15.0 pH

## OAKTON® DOUBLE JUNCTION pHTestr® 30

Dual Display of pH & Temperature



Code#	Description	MSRP
716048	Waterproof pHTestr® 30	\$143.95

- High  $\pm 0.01$  pH accuracy
- Simultaneous pH and temperature ( $^{\circ}\text{C}$ ) display
- pH range - 1.0 to 15.0 pH
- Three point push-button calibration
- Double junction electrode ideal for dirty water, heavy sulfides and organics
- Increased reference gel volume offers significantly longer electrode life
- Certifiable to IP67 standards—waterproof and dustproof housing floats
- Replaceable sensor lets you reuse same meter body, saving you money
- Automatic temperature compensation



## PH/EC/TDS METERS & SOLUTIONS

Code#	Description	MSRP
716572	24-7 Nutrient Monitor	\$189.95
716573	24-7 pH Replacement Probe	\$49.95

The 24-7 Nutrient Meter from Control Wizard Products is a great all around meter for nutrient applications needing constant monitoring. It measures PPM, pH and Temperature and with its large illuminated display it is easy to read from a distance. Calibration screws are conveniently located on the front for easy access. 6 month limited warranty.

**NEW!**

### 24-7 NUTRIENT MONITOR



Code#	Description	Size	Cs Qty	MSRP
716574	Control Wizard 1382 Calibration Solution	4 oz.	12	\$4.95/ea

**NEW!**

### CONTROL WIZARD 1382 CALIBRATION SOLUTION

Code#	Description	MSRP
716570	Control Wizard E.C. Dipstick™	\$79.95

### E.C. DIPSTICK™



New name! New label! Same easy to use meter! Now with the 4 most popular scales: EC, CF, 500:1 ppm, and 700:1 ppm! The E.C. Dipstick™ dissolved salts pen operates on 3 common inexpensive AA alkaline batteries. Measures in PPM, EC and CF scales. There is no calibration required. It calibrates itself each time you replace the batteries. The EC Dipstick™ is waterproof to one meter. 2 year limited warranty.

Code#	Description	MSRP
716571	DigiStick™	\$89.95

The lighted display is large and easy to read. There are no mistakes when the temperature compensating microchip quickly senses the electro conductivity of the nutrient solution or water sample and automatically freezes the displayed reading. PPM, EC and CF scales are easily accessed by easy to read buttons. Cutting edge electronic circuitry keeps the meter in calibration for extended periods of time. The DigiStick™ is waterproof from the electrode up to the display, water resistant from the display to the battery cap. Uses a common 9-volt alkaline battery for power. Use 1382 ppm (500 ppm – 1 EC) calibration buffer. 1 year limited warranty.

**NEW!**

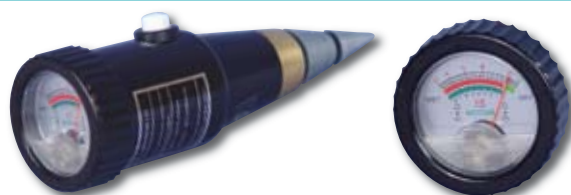
### DIGISTICK™



Code#	Description	MSRP
716575	Control Wizard Soil pH & Moisture Meter	\$59.95

Control Wizard Products is now introducing its Accurate pH & moisture meter for soil growers. Until now, soil growers with the need to keep careful tabs on the pH of their soil has had to rely on either cheap, poor quality meters that are very expensive and hard to get. This new meter is the best of both worlds. It is relatively inexpensive and is manufactured to high quality standards. No batteries are required. 1 year limited warranty.

### SOIL pH AND MOISTURE METER



Code#	Description	MSRP
716310	Tri-Meter Continuous Monitor (EC/pH/Temp) #204	\$245.95

This meter gives you the ability to monitor pH level, Nutrient Levels in EC and Nutrient Temperature.

This continuous monitoring system requires no batteries, just plug it in to an AC wall receptacle and the meter will remain in a calibrated mode for months. The Nutradip® Tri-Meter, with automatic temperature compensation, is the best way of measuring the strength of nutrients in your water, pH, and monitoring temperature at the same time.

2 year limited warranty on meter. 6 month limited warranty on the probe.

**NEW!**

### TRI-METER (EC/pH/TEMP) CONTINUOUS MONITOR





## TRI-METER (PPM/pH/TEMP) CONTINUOUS MONITOR

**NEW!**



### Code# Description

716315 Tri-Meter Continuous Monitor (PPM/pH/Temp) #202

### MSRP

\$245.95

This meter gives you the ability to monitor pH level, Nutrient Levels in PPM and Nutrient Temperature.

This continuous monitoring system requires no batteries, just plug it in to an AC wall receptacle and the meter will remain in a calibrated mode for months. The Nutradip® Tri-Meter, with automatic temperature compensation, is the best way of measuring the strength of nutrients in your water, pH, and monitoring temperature at the same time.

2 year limited warranty on meter. 6 month limited warranty on the probe.

## TRI-METER pH REPLACEMENT PROBE

**NEW!**



### Code# Description

716320 Tri-Meter pH Replacement Probe - 3 ft cable

### MSRP

\$65.95

Replacement probe for the Tri-Meters or the pH Meter. 6 month limited warranty.

## NUTRADIP® CMS pH METER

**NEW!**



### Code# Description

716325 Nutradip® CMS pH Meter

### MSRP

\$136.95

The Nutradip® CMS (constant monitoring system) pH Meter is the reliable way to measure the acidity or alkalinity in your water. It is a continuous monitoring pH meter with automatic temperature compensation.

2 year limited warranty on meter. 6 month limited warranty on the probe.

## NUTRADIP® CMS PPM METER

**NEW!**



### Code# Description

716330 Nutradip® CMS PPM Meter

### MSRP

\$95.95

The Nutradip® CMS (constant monitoring system) Nutrient Meter has automatic temperature compensation and measures the TDS ppm/EC in your water.

2 year limited warranty on meter. 6 month limited warranty on the probe.





## PH/EC/TDS METERS & SOLUTIONS

Code#	Description	Cs Pk	MSRP	MINI pH TESTER Model 1815
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716753 Rapitest™ Mini pH Tester

12

\$8.95

- Tests the acidity of soil
- Check which plants suit your soil
- Enables you to alter soil conditions
- Use for fruits, flowers, shrubs and vegetables
- No batteries required



Code#	Description	Cs Pk	MSRP	pH SOIL TESTER Model 1612
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716755 pH Soil Tester

12

\$4.69

Kit includes: color comparator, 10 pH test capsules, complete instructions for adjusting soil pH and pH preferences list for over 450 plants for the home, yard and garden. All you do is put a sample of soil into the comparator, add powder capsule, add water, shake and watch the color develop. Then, note your results. Fast, easy and it only takes a few minutes.



Code#	Description	Cs Pk	MSRP	SOIL TEST KIT Model 1601
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716756 Soil Test Kit - pH, N, P, K

6

\$15.99

Kit includes: 4 color comparators, 40 test capsules, 10 each for pH, N, P and K, complete instructions for adjusting soil pH, fertilization guidelines and pH preferences list for over 450 plants for the home, yard and garden. Plants need food (nutrients) for healthy growth. Nitrogen, Phosphorus and Potash (N, P and K for short), play a vital role in plant growth. This kit enables you to test all four levels of pH, Nitrogen, Phosphorus and Potash.



Code#	Description	Cs Qty	MSRP	SOIL pH METER Model 1840
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716750 Soil pH Meter

6

\$19.95

- Instantly tells you how acid or alkaline your soil is
- Check which plants suit your garden
- Enables you to alter soil condition
- Includes pH preferences for over 400 plants.



Code#	Description	Cs Qty	MSRP	4 WAY ANALYZER Model 1880
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716752 4 Way Analyzer

3

\$34.95

Measures four different levels for fertilizer, light, moisture and pH. Includes instructions and guides for all four measuring levels.

- Instantly tells you the fertility of your soil
- Measures the light intensity in footcandles
- Instantly tells you when to water your plants by measuring the moisture level
- Instantly tells you how acid or alkaline your soil is by measuring the pH level



# PH/EC/TDS METERS & SOLUTIONS



## TRI-PACK MAINTENANCE SOLUTIONS (ECS A, B ESS)



Code#	Description	Size	Cs Qty	MSRP
722450	Meter Maintenance (ECS A, B ESS)	Tri-Pack - 8 oz.	6	\$26.25

User friendly Tri-Packs contain everything you need to properly calibrate or maintain your meters.

## TRI-PACK CALIBRATION SOLUTIONS (pH 7.01, 1413uS & ESS)



Code#	Description	Size	Cs Qty	MSRP
722455	Meter Calibration (pH 7.01, 1413uS & ESS)	Tri-Pack - 8 oz.	6	\$26.25

User friendly Tri-Packs contain everything you need to properly calibrate or maintain your meters.

## TRI-PACK CALIBRATION SOLUTIONS (pH 4.01, pH 7.01 & ESS)



Code#	Description	Size	Cs Qty	MSRP
722460	pH Calibration (pH 4.01, pH 7.01 & ESS)	Tri-Pack - 8 oz.	6	\$26.25

User friendly Tri-Packs contain everything you need to properly calibrate or maintain your meters.

## pH CALIBRATION KIT Model PHB-T8-C & PHB-T16-C



Code#	Description	Size	Cs Qty	MSRP
722420	pH Calibration Kit, pH 4.01 & 7.01	8 oz. Twin Packs	10	\$17.50
722425	pH Calibration Kit, pH 4.01 & 7.01	16 oz. Twin Packs	6	\$25.00

These solutions are used to calibrate pH meters to assure they are accurate and working properly. You should check your pH meter frequently because the properties of the meters membrane is constantly changing from normal use and aging. We recommend a two point calibration between 4.0 and 7.0 to assure that your meter is accurate across the scale. This is why the Genesis solution is available in twin packs of 4.0 and 7.0.

## ELECTRODE CLEANING SOLUTIONS Model ECS-T8-C & ECS-T16-C



Code#	Description	Size	Cs Qty	MSRP
722430	Electrode Cleaner, Part A & B	8 oz. Twin Packs	10	\$17.50
722435	Electrode Cleaner, Part A & B	16 oz. Twin Packs	6	\$25.00

Used to clean meter tip. Works for both pH and conductivity meters. Comes as a two part A and B cleaning solution to remove both organic and inorganic deposits from meter sensors. Use monthly or as needed to refresh your meter and keep it working optimum. Soak tip in part A for 5 min, then part B for 5 min and then back in part A for 5 more minutes and rinse with tap water.

## pH ELECTRODE STORAGE SOLUTIONS



Code#	Description	Size	Cs Qty	MSRP
722440	Electrode Storage Solution	8 oz.	20	\$8.75
722445	Electrode Storage Solution	16 oz.	12	\$12.50

Use to store your pH meter electrode between use. This solution is designed to keep your electrode sensing membrane and reference junction clean and unclogged and ready for use. Store you electrode directly in a small cup of solution or saturate a sponge in the cap of your meter for storage between use. This will prevent your permeable glass membrane from becoming dry and from mineral deposits clogging the surface. This solution is designed to equalize the osmotic pressure of the reference solution in your meter junction to keep the reference solution from seeping out and prematurely aging your meter. Should your electrode membrane dry out soak it in this solution for at least two hours before use. NEVER STORE AN ELECTRODE IN DISTILLED OR DEIONIZED WATER.





## PH/EC/TDS METERS & SOLUTIONS

Code#	Description	Size	Cs Pk	MSRP
722015	pH 4.01	8 oz.	12	\$6.95/ea
722020	pH 4.01	Quart	12	\$24.95/ea
722030	pH 7.01	8 oz.	12	\$6.95/ea
722035	pH 7.01	Quart	12	\$24.95/ea
722005	1500 PPM Reference Solution	8 oz.	12	\$6.95/ea

General Hydroponics™ uses the highest quality reference solutions, allowing growers to calibrate many popular brands of PH, EC and TDS meters (NaCl scale or the 442 scale). General Hydroponics™ technicians check each batch to ensure that our solutions are precisely calibrated and yield reliable readings each time they are used.

### METER CALIBRATION SOLUTIONS



Code#	Description	Size	Cs Qty	MSRP
716574	Control Wizard 1382 Calibration Solution	4 oz.	12	\$4.95/ea

Control Wizard Products 1382 Conductivity Standard. Use to calibrate all meters that use the 1 EC to 500 ppm water standard.

**NEW!**

### CONTROL WIZARD 1382 CALIBRATION SOLUTION



Code#	Description	Cs Pk	MSRP
716447	pH Probe Clean - Calibration Kit	14	\$28.95
716052	Nutrient Probe Cleaning Kit	14	\$17.95

pH cleaning and calibration kit:

- Full color laminated instructions
- Calibration solutions
- De-canter vessels
- Probe cleaner
- Toothbrush



CF/EC cleaning kit:

- Full color laminated instructions
- Conductivity standard solution
- De-canter vessel
- Liquid probe cleaner
- Chamois (probe cleaning instrument)



### METER CALIBRATION SOLUTIONS

Code#	Description	Cs Pk	MSRP
716460	Flairform pH Test Kit	25	\$9.99/ea

Flairform's pH Test Kit provides a simple, foolproof method of obtaining fast and accurate pH readings. With NO complex or costly maintenance between tests you'll appreciate why many growers with electronic pH meters resist checking pH.

When using a pH Test Kit you will get accurate results every time. Since pH is a measure of the concentration of 'hydrogen ions', it is important that any pH test method only responds to those ions. Flairform's pH Test Kit however cannot give false readings because it will only respond to hydrogen ions. Benefits:

- Super concentrated - 1 drop per test. Each 30ml bottle provides over 800 tests.
- Measures from pH 4.0 through to 8.0: This is a very important feature because some pH testers do not operate below pH 6 (i.e. show the same color over 4 to 6) and therefore if your nutrient pH is well below 6, a test will still show 6.
- Highly accurate, waterproof color chart on side of bottle.
- Long shelf life.
- Perfect back-up for die-hard pH meter users.
- Supplied with a quality test tube.



### FLAIRFORM pH TEST KIT

# PH/EC/TDS METERS & SOLUTIONS



## pH TEST KIT



Code#	Description	Size	Cs Qty	MSRP
722145	pH Test Kit	1 oz.	24	\$6.95/ea

1 oz. test kit with test vial offers wide spectrum testing (pH 4.0 to 8.5). This concentrated solution requires only 5 drops per test.

## pH CONTROL KIT



Code#	Description	Cs Qty	MSRP
722080	pH Control Kit	12	\$15.95/ea

Contains: 8 oz. pH UP, 8 oz. pH DOWN, 1 oz. indicator & vial

## pH UP LIQUID & pH UP DRY



### pH UP LIQUID

Concentrated base formula is used to raise the pH in a reservoir.

### pH UP DRY

This powder based formula is made to raise the pH in a reservoir. Lightweight in comparison to liquids.

Code#	Description	Size	Cs Qty	MSRP
<b>pH UP LIQUID</b>				
722090	pH Up (liquid)	Quart	12	\$12.95/ea
722095	pH Up (liquid)	Gallon	4	\$29.95/ea
<b>pH UP DRY</b>				
722105	pH Up (dry)	1.5 lbs	12	\$12.95/ea

## pH DOWN LIQUID & pH DOWN DRY



### pH DOWN LIQUID

This concentrated acid formula is used to lower the pH in a reservoir.

### pH DOWN DRY

This powdered acid formula is easy to handle and ship. Lightweight in comparison to liquids. Widely recognized as a consistent and reliable product.

Code#	Description	Size	Cs Qty	MSRP
<b>pH DOWN LIQUID</b>				
722120	pH Down (liquid)	Quart	12	\$12.95/ea
722125	pH Down (liquid)	Gallon	4	\$29.95/ea
<b>pH DOWN DRY</b>				
722130	pH Down (dry)	1.5 lbs	12	\$12.95/ea

## TECHNAFLORA pH UP AND pH DOWN



Technaflora's pH Up and pH Down enable the gardener to moderate and maintain optimum pH levels. The pH scale is a measure that describes the relative acidity or alkalinity of a solution or medium. Both pH-balancing aids are manufactured using the highest-quality ingredients: potassium hydroxide to raise pH, and nitric acid to lower pH. While ensuring stringent industry safety standards are met, Technaflora's pH Up and pH Down are potent and effective in small doses.

Code#	Description	Size	Cs Qty	MSRP
716461	pH UP	Liter	12	\$7.78
716462	pH Up	4 Liter	4	\$15.57
716464	pH Down	Liter	12	\$7.78
716465	pH Down	4 Liter	4	\$15.57

## EARTH JUICE™ NATURAL pH CONTROLLER UP & DOWN



Code#	Description	Size	Cs Pk	MSRP
722155	Natural UP	2 lbs	12	\$12.95/ea
722175	Natural DOWN	2 lbs	12	\$12.95/ea

An enlightened concept in pH control, a crystallized pH adjuster for the professional & hobbyist. For soil, soilless, hydroponic, hydro-organic & foliar applications. For use with organic & synthetic fertilizers, herbicides and pesticides.