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GROWING ACCESSORIES

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SOIL AND WATER TESTING METERS

MILWAUKEE MW100 0-14 RANGE PH METER

The MW100 comes with a faster processor and longer battery life, making it easier and faster to calibrate. In addition, its LED display has doubled in size, while the body comes in a smaller, ergonomic, and lighter case design, making it much easier to read. It performs pH measurements with a 0.1 pH resolution and with 2-point manual compensation.



Order #: **30-MW100** -sold as each

MILWAUKEE PH600 POCKET SIZED PH METER

Milwaukee's economical testers are easy-to-use instruments to measure quick and reliable pH values. The pH600 is a pH meter with a 0 to 14.0 pH range and an accuracy of ± 0.2 pH.



Order #: **30-PH600** -sold as each

MILWAUKEE MW301 CONDUCTIVITY METER

The Milwaukee MW301 is a conductivity and TDS Portable Meter, with Automatic Temperature Compensation, and are ideal for the educational and agricultural markets. The MW301 is a new and improved version of the Milwaukee SM301 with a new chipset and motherboard installed. The MW301 is easy and fast to calibrate for quick and accurate measurements. The MW301 is battery operated, and comes with a small, ergonomic, and light case design with a large and easy-to-read LED display.



Order #: **30-MW301** -sold as each

MILWAUKEE MW801 PH/EC/TDS COMBINED METER



The Milwaukee MW801 with Conductivity range that goes up to 1990 $\mu\text{S}/\text{cm}$ and TDS range that goes up to 1990 ppm is an ideal tool for drinking water and horticultural measurements. Sm801 provides quick and accurate measurements due to a fast processor with the new chipset and mother board installed. Supplied with the MA850 interchangeable probe to measure pH, conductivity and TDS. The pH electrode utilizes a fiber junction to reduce contamination when measuring fertilizer solutions.

Order #: **30-MW801** -sold as each

DIRECT STICK SOIL EC METER



The Hanna HI 98331 grower quality Soil Tester is a special pocket tester designed to directly measure soil conductivity and temperature. With an incorporated sensor in the penetration probe, readings are automatically temperature compensated. Conductivity range can be calibrated at one point and is designed to be calibrated in liquid. 122 mm (4.5") Penetration probe. Automatic temperature compensation. Lightweight and portable.

Order #: **30-98331** -sold as each

FREE & TOTAL CHLORINE METER [special order item]



To respond to the user's requirements to perform chlorine analysis, even at high concentrations, HANNA offers grower quality HI95734. HI95734 permits free and total chlorine analysis up to 10.00 ppm. This instrument is dedicated to monitor over-chlorination through to chloramines destruction.

Order #: **30-HI95734** -sold as each

To Order Call: 405.787.4833 or 1.800.522.3376
Prices subject to change without notice

TESTING METER SOLUTIONS & ACCESSORIES

PH 4.0I BUFFER SOLUTION

Buffer solutions are prepared according to precise formulas and are standardized with a pH meter calibrated according to the NIST standards. All pH 4 solutions show batch number, expiration date and the correlation table between pH and temperature. This buffer value is widely used in water purification plants, in the food industry and wherever the pH is expected to be slightly acidic.

Order #: **30-7004M** –230 ml. –sold as each



PH 7.0I BUFFER SOLUTION

pH 7.0I is the most widely used among all buffer solutions. pH buffer solutions are NIST standardized reference solutions

Order #: **30-7007M** –230 ml. –sold as each



1413 MICROMOLES 25 DEGREE C SOLUTION

The 1413 mS/cm solution is a Natural Water Standard Solution used in calibrating many EC Testing Instruments. It is the best choice when measuring boiler and cooling water samples, city water supply, lakes, wells, etc. It is a combination of salts mixed with deionized water to comprise this standard: 40% sodium sulfate, 40% sodium bicarbonate, 20% sodium chloride. A combination of standard salts is necessary since natural water salt type and concentration can vary greatly by location.

Order #: **30-7031M** –230 ml. –sold as each



ELECTRODE CLEANING SOLUTION

Clean the liquid junction of your electrodes once a day or at least once a week when in use to prevent clogging and to maintain accuracy. Immerse the electrode in the proper cleaning solution for about 5 minutes.

Order #: **30-7061M** –230 ml. –sold as each



ALKALINE TEST PILLS

Myron brand pills used to conduct alkalinity tests

Order #: **30-0017** –20 per pack

PCA BUFFER KIT SOLUTION

[special order item]

Kit of reagents set for PCA series. Includes HI 70450, HI 70451 and HI 70452-0.

Order #: **30-HI70480** –sold as kit



FREE OR TOTAL CHLORINE REAGENT

[special order item]

HANNA offers the HI 93734 which measures both free and total chlorine from 0.00 to 9.99 mg/L solution for about 300 tests.

Order #: **30-HI93734** –sold as each

MYRON L METERS

METER AG-6PH W/SOIL TEST KT

[special order item]

Grower grade meter checks soil pH and salinity. Checks water pH and salinity. Checks correct fertilizer concentration. Checks boiler water conductivity. Automatic temperature compensation means no ther-

mometers or adjustments. Only small amount of soil needed for tests.

Order #: **30-0008** –sold as each –with soil test kit

Order #: **30-0009** –sold as each –meter only



METER AG-5 W/SOIL TEST KIT

[special order item]

Grower grade meter for testing conductivity/salinity only. Budget priced.

Order #: **30-0010** –sold as each –with soil test kit

Order #: **30-0011** –sold as each –meter only

GROWING ACCESSORIES

KELWAY SOIL METERS, MOISTURE, PH & SOIL METERS, THERMOMETERS



KELWAY SOIL METERS

HB-2 COMMERCIAL SOIL TESTER

Increase productivity by controlling soil acidity with a Kelway direct reading soil tester. Test soil in 3 minutes. The Kelway tester operates on the principle of electrical potential between two dissimilar metal plates-without batteries or any external power source. When inserted into moist soil the HB-2 registers degree of acidity on the upper scale. The lower scale shows degree of moisture (% saturation) when the switch button is held depressed.

Order #: **30-2** –sold as each

HOBBYIST SOIL PHD TESTER

The Kelway Soil pHD tests soil acidity to get bigger healthier plants, flowers, fruits, vegetables, trees and lawns. This direct reading soil tester needs no power source and uses no chemicals. Great for indoors or outside. Small, accurate, lightweight, portable, durable, completely safe guaranteed and comes with full easy instructions plus a pH guide chart.

Order #: **30-6** –sold as each

KELWAY CONDITIONING FILM

Use these sheets to recondition Kelway meters

Order #: **30-1** –sold as each

MOISTURE, PH & SOIL METERS

RAPITEST MOISTURE METER

Homeowner quality meter with probe on flexible cord. Instantly tells you when to water your plants.

Order #: **18-0285** –sold as each

RAPITEST PH METER

Homeowner quality meter checks which plants suit your pH and tells you how to alter soil pH.

Order #: **18-700** –sold as each



RAPITEST PH POND TESTER

Homeowner quality meter to test the pH of your pond to ensure healthy fish and plants. Acid pond water (low pH) can occur if large quantities of decomposing organic debris are present. Low pH levels cause an increase in pollutants and a shortage of oxygen. Alkaline conditions (high pH) can result from water run-off particularly in hard water areas. High pH levels harm fish and damage plant life. Testing for pH is therefore essential not only before fish are introduced but afterwards as well so that any changes in water conditions are quickly identified and remedied. There are sufficient capsules for 10 tests.

Order #: **18-1912** –sold as each –12 per case

RAPITEST SOIL TESTER



Homeowner quality meter provided with 5 color coded test tubes and color chart to match to sample results.

Order #: **18-485085** –sold as each

THERMOMETERS

TAYLOR DIGITAL MAX-MIN THERMOMETER

Very nice grower quality digital thermometer to record current temperature and last high and low temperature registered since last manual “button push” reset.

Order #: **30-1441** –sold as each

MAX/MIN THERMOMETER W/MERCURY

Grower quality uses mercury to determine current temperatures on two columns with tracers that register at high and low temperatures until erased with provided magnet. We can only ship these to states where mercury is still legal and have not been banned.

Order #: **30-60127423** –sold as each

To Order Call: 405.787.4833 or 1.800.522.3376

Prices subject to change without notice

MAX/MIN RECORDING THERMOMETER W/ ALCOHOL

Grower quality uses colored alcohol solution—not as accurate as mercury, but environmentally safer—to determine current temperatures on two columns with tracers that register at high and low temperatures until erased with manual push button on thermometer.

Order #: **30-60125383** –sold as each

POCKET TEST THERMOMETER

Probe thermometer you can carry in your pocket to read current temperature in Fahrenheit and Celsius.

Order #: **30-60175463** –sold as each

MINI DIAL THERMOMETER 20/140F

Small round homeowner quality dial thermometer to read current temperature.

Order #: **30-301003** –sold as each

JUMBO 14 1/2" WALL THERMOMETER

Large 14 1/2" round dial Taylor thermometer to read current temperature.

Order #: **30-60101** –sold as each

POLYRESIN WALL THERMOMETER

Ornamental round dial Taylor thermometer with gold finch design to read current temperatures.

Order #: **30-4504** –sold as each

SOIL THERMOMETERS

5" STEM/1" DIAL BI METAL THERMOMETER

Taylor probe thermometer to stick in soil or duct to read current temperature.

Order #: **30-8967** –sold as each

5 1/2" STEM/2 1/2" DIAL SOIL THERMOMETER

Taylor probe thermometer with large easy to read dial to stick in soil or duct to read current temperature.

Order #: **30-5976** –sold as each

12" STEM BI-THERM SOIL THERMOMETER

Taylor probe thermometer that reads current temperature on side of 12" tall stem. Also labeled as Deep Fry thermometer.

Order #: **30-151000** –sold as each

RAPITEST SOIL THERMOMETER

Homeowner quality soil meter to read current temperatures.

Order #: **18-1618** –sold as each



LIGHT METER

GREEN THUMB LIGHT METER

Homeowner quality meter, not suitable for professional use.

Order #: **18-0283** –sold as each

HYGROMETERS

DIGITAL HUMIDIGUIDE

Taylor digital instrument to read current temperature and humidity.

Order #: **30-15851** –sold as each

WET/DRY BULB HYGROMETER

Brannon wet/dry bulb with small water bottle and wick to wrap wet bulb side.

Order #: **30-60132223** –sold as each

HORSEHAIR DIAL HUMIDIGUIDE

[special order item]

Taylor hygrometer using horsehair for humidity reading.

Order #: **30-1585** –sold as each

MINI COMBO THERMOMETER-HUMIDITY DIAL

Brannon double dial homeowner quality dial instrument-one dial for humidity and one dial for current temperature.

Order #: **30-300013** –sold as each

12" HUMIDI DIAL THERMOMETER

Taylor all metal scale to read current temperature and humidity.

Order #: **30-497** –sold as each

TAYLOR INDOOR HUMIDIGUIDE THERMOMETER

Taylor brand instrument reads 0-100 humidity levels and current temperature.

Order #: **30-134000** –sold as each

RAIN GAUGES

JUMBO E-Z READ 820-0002 RAIN GAUGE



The EZREAD rain gauge is just that—a rain gauge that measures rainfall of up to 5 inches and can be read from a distance of up to 50 feet. The EZ-READ is 24 inches tall with a 1 3/4 inches clear tube that has brilliant yellow markings. A contrasting bright orange float rises with the water level and is read by matching the float with the marking on the tube. The tube is calibrated so one inch of rain raises the float 4 inches. This ruggedly constructed and attractively colored rain gauge can easily be mounted on a fence, post or yard stake.

Specially calibrated to insure accuracy. Easy to install, mounting bracket included. Funnel is constructed to prevent debris from entering. Brilliant colors allow reading from up to 50 feet away.

Order #: **30-105100** –sold as each –12 per case

Order #: **30-8200415** –display rack –24 per case

E-Z DEW RAIN GAUGE #820-0101

the EZDEW makes precise watering of your lawn and garden very EZ to do. Float is visible from 50 feet away. 1/2 inch increments up to 2 inches. Float conveniently snaps onto base for EZ storage.

Order #: **30-19903** –sold as each –12 per case

RAIN DIAL #820-0200



Unique horizontal scale allows for placement in the ground or on a post. EZ to read float travels up specially timed post to accurately indicate water level. Can be positioned twelve different directions for EZ observation. Removes easily for emptying and cleaning.

Order #: **30-44981** –sold as each –12 per case

RAIN GAUGE-EASY VIEW



Special magnifying design allows for EZVIEWing with a small size gauge. Linear design that magnifies the rain measurement. Large bold numbers on bracket for EZVIEWing. Bracket mounts to any flat surface.

Order #: **30-55981** –sold as each

Order #: **30-8200180** –display rack –24 per case

To Order Call: 405.787.4833 or 1.800.522.3376

Prices subject to change without notice

BASIC RAIN GAUGE 19937-0

Most basic, inexpensive round tube gauge in plastic holder.

Order #: **30-8200401** –sold as each –24 per case



RAINFALL SPRINKLER GAUGE

Brannon English brand round funnel gauge with spike

Order #: **30-01300** –sold as each

ELECTRIC HEATING MATS

PRO-GROW

Place your flats directly on the heavy rubber mat and get even bottom heat for starting seeds and cuttings. Instructions for use in each carton with mat. Cord 6 ft. long, 200 watts at 120 volts. These “best” grower grade mats must be used with a thermostat control purchased separately. These heavy duty mats have the electrical wires sandwiched between two thick layers of red rubber. It is not unusual to see these mats still in use 10, 15 or 20 years later.



22”X22” RUBBER HEAT MAT PM2

Order #: **32-73008** –sold as each

22”X60” RUBBER HEAT MAT PM9A

Order #: **32-73009** –sold as each

OLSON



Sprout seeds in as little as two days. Start difficult seeds that require heat. Garden ready transplant in days. Directions and gardening tips included. Plugs into 120 volt outlet and uses less energy than a 40 watt bulb. Cordset is UL listed. A separate mat thermostat is required to use and control these “better grade” of propagating mats.

22” X 22” ELECTRIC OP55 PROPAGATING MAT

Order #: **32-2055** –sold as each

22” X 44” ELECTRIC OP110 PROPAGATING MAT

Order #: **32-2110** –sold as each

22” X 96” ELECTRIC OP175 PROPAGATING MAT

Order #: **32-2175** –sold as each

HEATING MAT CONTROLS

GC-4 GRO-CONTROL



To operate up to four propagation mats and control the temperature of all mats as desired to the same temperature. Cord 6 ft. with grounding plug. Heavy duty Pre-grow grower grade construction with pilot light. Has receptacles for 4 mats. 120V-1500W-12.5A res. 1/6 HP ind.

Order #: **32-73010** –sold as each

GROWING ACCESSORIES

PROPAGATING CHAMBERS & PLANT SLEEVES



GC-I GRO-CONTROL

To operate any single plug-in propagation mat directly or 2 mats with plug adapter and control the temperature as desired. Cord 6 ft. with series tap plug. Heavy duty Pro-grow grower grade construction. 120V-720W-8A res 1/6 HP ind.

Order #: **32-73011** –sold as each



PROPAGATING CHAMBERS

PC-22 PROPAGATING CHAMBER

[special order item]

Heavy duty welded steel frame. Factory paint with stainless steel brackets. Stainless steel shelves. Storage rack for removable door panels. Special low heat, low density electric heaters. Heavy duty swivel casters. Pro-grow “water saver” special design returns condensed moisture to water pan. Capacity: 22 #1020 flats; Electrical: 120VAC-500W-4.2A; Size: 25”x31”x70”; Approximately 200 lbs.

Order #: **30-031** –sold as each



PC-46 PROPAGATING CHAMBER

[special order item]

Larger version of above Pro-grow chamber. Capacity for 46 #1020 flats; Electrical: 120VAC-875W-7.3A; Size: 25”x51”x70”; Approximately 325 lbs.

Order #: **30-059** –sold as each



SATIN PLASTIC PLANT SLEEVES

First dimension is sleeve width flat at bottom (B). Second dimension is height (H) of sleeve and third dimension is sleeve width flat at top (T).



5.5”B X 14”H X 15”T PLANT SLEEVES

For crops in 4” and 4 1/2” pots

Order #: **40-4RGKV** –case of 2000

8”B X 24”H X 20”T 6L-KV PLANT SLEEVES

For crops in 6” and 6 1/2” pots

Order #: **40-082420** –case of 1500

8”B X 24”H X 24”T PLANT SLEEVES

For crops in 6” and 6 1/2” pots

Order #: **40-82028** –case of 1000

10 1/2”B X 24”H X 22”T PLANT SLEEVES

For crops in 7 1/2” - 8” pots/hanging baskets

Order #: **40-102224** –case of 1000

12.5” B X 30”H X 30”T PLANT SLEEVES

For full crops in 10” pots/hanging baskets

Order #: **40-10JUMBO** –case of 700

13”B X 22”H X 23”T 10” PLANT SLEEVES

For smaller crops in 10” pots/hanging baskets

Order #: **40-132424**

To Order Call: 405.787.4833 or 1.800.522.3376

Prices subject to change without notice