

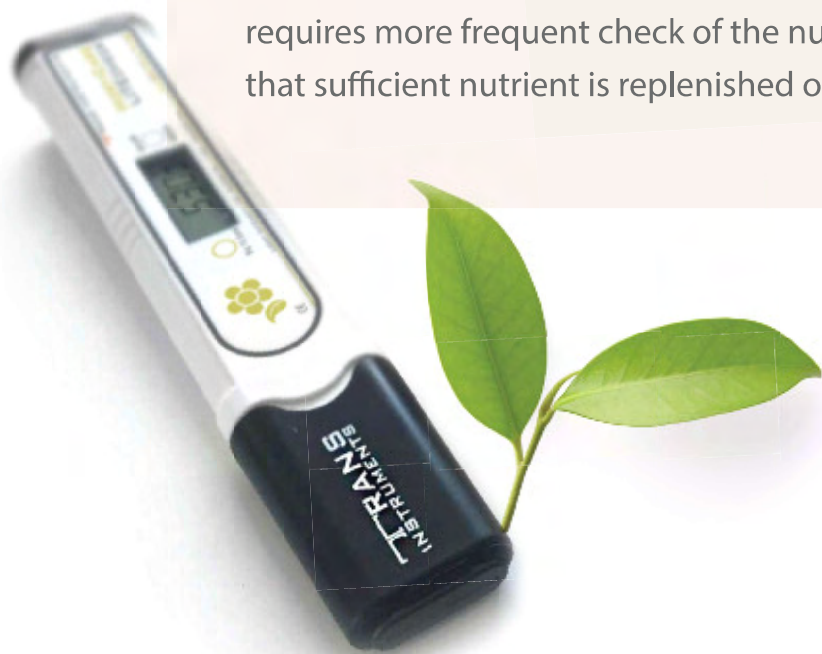


HYDROPONICS



Today’s technological advancements in hydroponics creates a vast variation of hydroponics systems, namely the traditional water bed system, the wick system, drip system, nutrient film technique (NFT) system and Aeroponic system. Aquaponic bring hydroponics systems to new heights in introducing fish to provide nutrient to the plants.

Yet the centre and corner stone of all these systems are none other then the balancing of nutrient supply in the water bed and lighting, where all plants needed for survivals. Each plant has its desired nutrient formulation to thrive well and at different stages of growth. Maintaining the balance of nutrient is the key to a successful harvest. The more numbers of plants absorbing nutrient often requires more frequent check of the nutrient strength so that sufficient nutrient is replenished on-time.



HortiCare Nutrient Check

The HortiCare Nutrient Check tester is the perfect tool for the measurement of nutrient strength. The meter employs a solid state sensor with a fast response temperature sensor to automatically compensate each reading. The auto-lock feature ensures each reading is stabilized and temperature fully compensated and freezes the display. This meter is rugged, made to be water and drop shock resistant, and displays reading in EC or ppm.



Measuring Range	0~10EC	0~100cF	0~7,000ppm
Display Resolution	0.1EC	1cF	10ppm
Accuracy	±0.2EC	±2cF	±2%fs
Battery	4x1.5V Button Cell (Alkaline LR44 or equiv.)		
Battery Life	Approx. 150 hours (continuous use)		
Auto Shut-Off	Approx. 15 min.		
Operating Temperature	0°~50°C		

HortiCare pH Check

pH is another important factor affecting plant’s absorption of nutrient. While each plant species has different pH requirements for root’s absorption, mixing of nutrient with water of a specific pH will alter the final nutrient pH reading. Hence, measurement of pH is needed for further pH adjustments. The HortiCare pH tester makes pH measurement a breeze with its autolock system, measurements and calibrations will always achieve its best accuracy. Its ruggedness is the toughest among all pocket pH testers with its drop shock and water resistant design.



Measuring Range	0.0 to 14.0 pH
Display Resolution	0.1 pH
Accuracy	±0.2 pH
Battery	4 x 1.5V button cell (Alkaline A76 or equivalent)
Battery Life	Approx. 300 hours (continuous)
Auto Shut-Off	Approx. 15 min.
Operating Temperature	0°~50°C
Size (LxWxH)	170 x 32 x 15mm
Weight	Approx. 70 gm

HortiStick 3-in-1 Nutrient meter

The HortiStick is an all in one meter that combines pH, temperature and Nutrient strength measurement into one sleek meter. The meter is rugged and long for easy stirring of nutrient during mixing. The meter features an auto-lock system that will freeze the display after a final endpoint reading is obtained. Its dual display will illuminate after each successive reading with an audible beep, this makes reading in dark or dim area easy and ensures an accurate reading all the time.

The sensor of this meter is replaceable when it expires. The replacement probe which consists of pH, temperature and nutrient strength sensor is very economical. With just the cost of a pocket pH tester, it is almost like giving the meter an overhaul when you replace the probe.

	PH	EC / ppm	Temp.
Measuring Range	0 to 14pH	0 to 7mS 10 to 5000 ppm	0 to 50°C 32 to 122°F
Resolution	0.1pH	0.1mS / 10ppm	0.1°C / °F
Accuracy	±0.2pH	±0.2mS / 140ppm	±0.5°C
Temperature Compensation	Automatic 0 to 50°C / 32 to 122°F		
Operating Temperature	0 to 50°C / 32 to 122°F		
Battery Type	4 x 1.5V AA size battery		
Battery Life	Approximately 50 hours (continuous use)		

Replacement probe at the cost of a pH tester



CAL calibration standards

CAL calibration standard solutions comes in two bottle sizes as well as in single satchels. These standards are made with precision. The reference meter that qualifies them are calibrated against solutions that are traceable to the ASTM standards.

Conductivity Standard solution in bottle	Order Code	
	90ml	500ml
CAL 1413µS Standard Conductivity Solution	SC1413N	SC1413F
CAL 990ppm Standard TDS Solution	ST0990N	ST0990F
CAL 2.76EC / 27.6cF / 1935ppm Standard Solution	SC0276N	SC0276F
CAL 6.7EC / 67cF / 4700ppm Standard Solution	SC0067N	SC0067F
pH Buffer Solution in bottle	90ml	500ml
CAL pH 7.00 Standard pH buffer Solution	SP0700N	SP0700F
CAL pH 4.01 Standard pH buffer Solution	SP0401N	SP0401F
CAL pH 10.01 Standard pH buffer Solution	SP1001N	SP1001F
pH Buffer Solution in single satchels	18ml Satchel	
CAL pH7.00 Satchel 10pcs/Box	SP0700S	
CAL pH4.01 Satchel 10pcs/Box	SP0401S	
CAL pH10.01 Satchel 10pcs/Box	SP1001S	



AUTHORISED PARTNERS



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