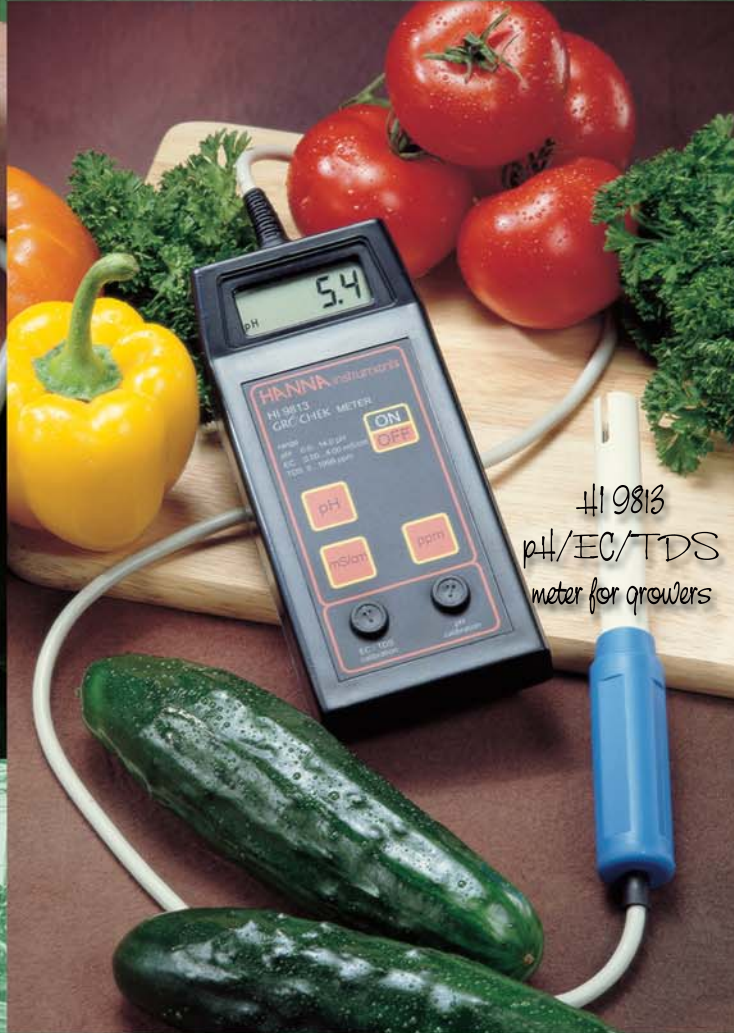


Portable Meters Designed For Growers

pH/EC/TDS meters to assist the grower in maximizing crop potential



HI 9811
Versatile
pH/EC/TDS
meter



HI 9813
pH/EC/TDS
meter for growers



ISO 9001 Certified

HANNA
instruments
Agricultural Division

Select the meter that is right for you!

HI 9813

- 3 meters in 1
- Fast Response Probe
- Easy calibration
- Automatic Temperature Compensation

This multi-parameter instrument tests for 3 of the most important factors in the growing environment. Calibration is quick and easy with calibration knobs. Accuracy is ensured with automatic temperature compensation and an advanced sensor which completely eliminates polarization and oxidation problems. The specially engineered 4-in-1 HI 1285 probe is interchangeable. The pH electrode utilizes a fiber junction and gel electrolyte which are particularly suitable when used in fertilizer solutions. This probe has also been designed with Hanna's Fast Response Probe (FRP) technology to allow quicker reaction time to changing conditions.

ORDERING INFORMATION

HI 9813 is supplied complete with HI 1285 probe with 1 m (3.3') cable, pH 7 buffer solution (20 mL), 1.41 EC and 1500 ppm calibration solutions (20 mL) each, 9V battery and instruction manual.

HI 9811

- Single probe
- High versatility
- Automatic Temperature Compensation

HI 9811 is a portable meter for field measurement of pH, conductivity and TDS in agriculture. This meter is ideal for crops with a higher EC reading than the HI 9813. The HI 9811 measures pH from 0 to 14 with 0.1 resolution. These portable meters use the newly designed replaceable HI 1285 probe. Probe changes are no longer required when switching your measured parameter between pH, conductivity and TDS.

ORDERING INFORMATION

HI 9811 is supplied complete with HI 1285 probe with 1 m (3.3') cable, pH 7 buffer solution (20 mL), 5000 μ S/cm and 1382 ppm calibration solutions (20 mL each), 9V battery and instruction manual.

HI 9813 SPECIFICATIONS

Range	pH	0.0 to 14.0
	EC (mS/cm-mmho/cm)	0.00 to 4.00 mS/cm
	TDS	0 to 1999 ppm (mg/L)
Resolution	pH	0.1
	EC	0.01
	TDS	1 ppm
Accuracy (@68°F/20°C)	pH	±0.2
	EC/TDS	±2% F.S.
Typical EMC Deviation	pH	±0.2
	EC/TDS	±2% F.S.
TDS Conversion Factor		0.65 ppm = 1 μ S/cm
Calibration		Manual 1 point through trimmer for all parameters
Temperature Compensation		Automatic from 32 to 122°F (0 to 50°C) with β of 2% per °C (EC/TDS only)
Probe		HI 1285 pH/EC/TDS probe with temperature sensor and 1 m (3.3') cable (included)
Battery Type/Battery Life		1 x 9V/Approx. 150 hours continuous use
Environment		32 to 122°F (0 to 50°C); RH 95%
Dimensions		7.3 x 3.2 x 1.8" (185 x 82 x 45 mm)
Weight		1.1 lb. (520 g)

RECOMMENDED ACCESSORIES

HI 77100P . . .pH 7 & 1413 μ S/cm sol., 20 mL, 10 pcs ea.
 HI 77200P . . .pH 7 & 1500 ppm sol., 20 mL, 10 pcs ea.
 HI 77400P . . .Cal. kit. pH 4 & 7 sol., 20 mL, 5 pcs ea.

HI 1285pH/EC/TDS/°C probe
 HI 70300LStorage solution, 500 mL
 HI 7061LCleaning solution, 500 mL
 HI 710009Blue rubber boot

HI 9811 SPECIFICATIONS

Range	pH	0.0 to 14.0
	EC	0.0 to 6.00 mS/cm
	TDS	0.00 to 3.00 ppt (g/L)
Resolution	pH	0.1
	EC	0.01 mS/cm
	TDS	0.01 g/L
Accuracy (@68°F/20°C)	pH	±0.2
	EC/TDS	±2% F.S.
Typical EMC Deviation	pH	±0.1
	EC/TDS	±2% F.S.
EC/TDS Conversion Factor		0.5 ppm = 1 μ S/cm
Calibration		Manual 1 point through trimmer for all parameters
Temperature Compensation		Automatic from 32 to 122°F (0 to 50°C) with β of 2% per °C (EC/TDS only)
Probe		HI 1285 pH/EC/TDS probe with temperature sensor and 1 m (3.3') cable (included)
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RECOMMENDED ACCESSORIES

HI 77100P . . .pH 7 & 1413 μ S/cm sol., 20 mL, 10 pcs ea.
 HI 77300P . . .pH 7 & 1382 ppm sol., 20 mL, 10 pcs ea.
 HI 77400P . . .Cal. kit. pH 4 & 7 sol., 20 mL, 5 pcs ea.

HI 1285pH/EC/TDS/°C probe
 HI 70300LStorage solution, 500 mL
 HI 7061LCleaning solution, 500 mL
 HI 710009Blue rubber boot

Accurate, portable & built to last.

Authorized Distributor www.clarksonlab.com

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 Agricultural Division

For more information or to find a dealer near you call HANNA Instruments at 877.694.2662

www.hannainst.com