

HI 981409 • HI 981410

EC and TDS Testers for Fertigation Solutions

- Lightweight and they float!
- Water resistant
- Ideal for mixing fertilizer
- Automatic calibration
- Automatic Temperature Compensation

HI 981409 and HI 981410 TDS and EC testers have been specifically designed to address the needs of operators in hydroponics, greenhouses and nurseries.

Calibration is easy and completely automatic. Simply press and hold the on/off button for a few seconds and the meter will request the appropriate calibration solution. Place the probe in the solution and wait until it is calibrated. No extra buttons to push or dials to turn!

HI 1220 probe measures 24 cm (9.4") and can be used to mix the fertilizer solution. The meter switches off after five minutes of inactivity to save battery life. The outer casing also incorporates a molded eye so that the meter can be hung right where it is needed.






ORDERING INFORMATION

HI 981409 is supplied with HI 1220 EC/TDS probe (L: 240 mm) with DIN connector and protective sheath, batteries (2) and 1500 mg/L ppm solution sachet.

HI 981410 is supplied with HI 1220 EC/TDS probe (L: 240 mm) with DIN connector and protective sheath, batteries and 5.00 mS/cm solution sachet.

ELECTRODES

HI 1220 Spare probe for HI 981409 and HI 981410

SOLUTIONS

HI 70442P 1500 mg/L (ppm) calibration solution, 20 mL sachets (25)

HI 70039P 5.00 mS/cm calibration solution, 20 mL sachets (25)

SPECIFICATIONS

	HI 981409	HI 981410
Range	0 to 1999 mg/L (mg/L (ppm))	0.00 to 10.00 mS/cm
Resolution	1 mg/L (mg/L (ppm))	0.01 mS/cm
Accuracy (@20°C/68°F)	±2% F.S.	
Calibration	automatic, at 1500 mg/L (ppm)	automatic, at 5.00 mS/cm
Temperature Compensation	automatic, 5 to 50°C (41 to 122°F) with $\beta = 2\%/^{\circ}\text{C}$	
Probe	HI 1220, replaceable EC/TDS probe, 240 mm (9.4") long, with DIN connector (included)	
Battery Type / Life	1.5V AA (2) / approximately 300 hours of continuous use; auto-off after 5 minutes of non-use	
Environment	0 to 50°C (32 to 122°F); RH max 95%	
Dimensions (meter only)	86 x 94 x 33 mm (3.4 x 3.7 x 1.3")	
Weight (meter only)	150 g (5.3 oz.)	

For a complete list of Solutions, see the end of Conductivity Section 6.