



114 mm (4.5")
stainless steel
penetration probe

max immersion
level

recommended
immersion level

GroLine

HI98331 Soil Test™

Direct Soil EC and Temperature Tester

with Built-in Stainless Steel EC Probe

- One-point calibration
- Automatic calibration to 1413 $\mu\text{S}/\text{cm}$ conductivity standard
- Automatic Temperature Compensation (ATC)
 - Samples automatically compensated for temperature variations
- Uses a fixed 2%/°C temperature correction coefficient
- Stainless steel penetration electrode
- Allows for direct measurement in soil

The Soil Test™ Direct Soil EC Tester is a rugged and reliable pocket-sized tester that offers quick and accurate readings. The Soil Test™ features a stainless steel penetration probe for direct measurement of conductivity in soils. With a compact size, single button operation, and automatic calibration, Soil Test is an excellent choice for taking direct conductivity measurements in soil.



Battery compartment

An easily removable cover provides access to the battery compartment.



Supplied in a carrying case with probe sleeve

Specifications

HI98331 Soil Test™

EC	Range	0 to 4000 $\mu\text{S}/\text{cm}$ 0.00 to 4.00 mS/cm (dS/m)
	Resolution	1 $\mu\text{S}/\text{cm}$ 0.01 mS/cm (dS/m)
	Accuracy (@25°C/77°F)	$\pm 50 \mu\text{S}/\text{cm}$ (0 to 2000 $\mu\text{S}/\text{cm}$) $\pm 300 \mu\text{S}/\text{cm}$ (2000 to 4000 $\mu\text{S}/\text{cm}$) $\pm 0.05 \text{ mS}/\text{cm}$ (0.00 to 2.00 mS/cm) $\pm 0.30 \text{ mS}/\text{cm}$ (2.00 to 4.00 mS/cm)
	Calibration	automatic, one-point (1.41 mS/cm)
Temperature	Range	0.0 to 50.0°C (32.0 to 122.0°F)
	Resolution	0.1°C (0.1°F)
	Accuracy (@25°C/77°F)	$\pm 1^\circ\text{C}$ ($\pm 1.5^\circ\text{F}$)
Additional Specifications	Temperature Compensation	Automatic, with coefficient (β) fixed @ 2%/°C
	Probe	114 mm (4.5") stainless steel penetration (fixed)
	Battery Type / Life	CR2032 Li-ion (included) / approx. 100 hours of continuous use
	Auto-off	8 minutes, 60 minutes, or can be disabled
	Environment	0 to 50°C (32 to 122°F); RH 95% max
	Dimensions	50 x 196 x 21 mm (2.0 x 7.7 x 0.9")
Weight	74 g (2.4 oz.)	
Ordering Information	HI98331 (Soil Test) is supplied with HI73331 penetration conductivity probe, calibration screwdriver, batteries, and instructions.	