



114 mm (4.5")  
stainless steel  
penetration probe

max immersion  
level

recommended  
immersion level

## GroLine

HI98331 Soil Test™

### Soil Test

Direct Soil EC and Temperature Meter  
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 ( $\beta$ ) 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	<b>HI98331</b> (Soil Test) is supplied with HI73331 penetration conductivity probe, calibration screwdriver, batteries and instructions.	