



**FIELD ENVIRONMENT,  
INSTRUMENTS, INC.**



# Hanna Soil Test™ Direct Soil Conductivity Tester Specifications

#HI98331

Conductivity Range	0 to 4000 $\mu\text{S}/\text{cm}$ ; 0.00 to 4.00 $\text{mS}/\text{cm}$ (dS/m)
Conductivity Resolution	1 $\mu\text{S}/\text{cm}$ ; 0.01 $\text{mS}/\text{cm}$ (dS/m)
Conductivity 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 $\text{mS}/\text{cm}$ ), $\pm 0.30 \text{mS}/\text{cm}$ (2.00 to 4.00 $\text{mS}/\text{cm}$ )
Temperature Range	0.0 to 50.0°C
Temperature Resolution	0.1°C
Temperature Accuracy (@25°C/77°F)	$\pm 1^\circ\text{C}$
EC/TDS Calibration	automatic, one-point at 1.41 $\text{mS}/\text{cm}$
Temperature Compensation	automatic, temperature coefficient ( $\beta$ ) fixed 2% / °C
Battery Type/Life	CR2032 Li-ion approximately 100 hours of continuous use
Electrode/Probe	114 mm (4.5 ") Stainless steel penetration
Environment	0 to 50°C (32 to 122°F); RH max 95% non-condensing

**Pittsburgh, PA**  
800-393-4009

**Atlanta, GA**  
866-620-6762

**Chicago, IL**  
844-515-9170

**Houston, TX**  
866-323-4006

**Kansas City, KS**  
866-580-5499

**fieldenvironmental.com**  
info@fieldenvironmental.com

**Long Beach, CA**  
844-608-3344

**Los Angeles, CA**  
866-278-2382

**Minneapolis, MN**  
866-580-5512

**Philadelphia, PA**  
866-648-8607

**Portland, OR**  
844-324-9516

**Seattle, WA**  
855-398-5600