



Pine Environmental

FieldScout Direct Soil EC Meter

Pine Item #54969

DESCRIPTION:

This instrument has been specifically designed for direct measurement of salts in soil media as well as water or nutrient solutions. The salinity of the soil solution, irrigation water or fertilizer solution is an important parameter affecting the root zone environment. Any of these factors can have a significant effect on plant growth and physiology. The easiest way to monitor salinity is by measuring the electrical conductivity (EC). EC is strongly correlated to the salinity of the soil solution. EC measurement is also affected by temperature and, to a lesser degree, by soil moisture content. Use this portable EC meter and probe to measure salinity in greenhouse soil media right on the spot without tedious soil sampling and preparation.

FEATURES:

- Professional-grade meter
- No need to prepare sample - simply sample through the profile
- Patented paired sensor tip provides maximum soil-sensor contact and higher accuracy
- Sample directly in plug trays pots containers solutions or ground soils
- 0 to 19.9 mS/cm (Accuracy $\pm 1\%$ resolution 0.01 mS/cm)
- Automatic temperature compensation
- Includes battery and EC calibration standard
- Item 2265FS includes a carrying case

APPLICATIONS:

- Salt in Soil Detection
- Precision nutrient management
- Agricultural management
- Delineation of Field Variation
- Herbicide Application
- Fertility Programs

Contact a Pine branch near you to request a quote or place an order

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United States

www.pine-environmental.com

Canada

www.pine-environmental.ca

Product Specifications

Readout	LCD digital display
EC Range	0.00 - 19.99 mS/cm
Temperature Range	0 - 55 degrees C (32 - 122 degree F)
Accuracy	EC: $\pm 1\%$ Full Scale Temperature: ± 0.5 degrees C \n
EC Resolution	0.01 mS/cm
Calibration	1-point manual calibration \n
Temperature Compensation	Automatic from 0 to 50 degrees C \n
Power	Four LR44 1.5V alkaline batteries
Battery Life	150 hours
Auto Shutoff	After 8.5 minutes
Probe Diameter	2265FS (2265PROBE)\n0.30 in (0.8 cm)\n2265FSTP (2265FST24P)\n0.35 in (0.9 cm)



Local Delivery Pick-up



In-Stock Equipment



Repair & Calibration



Rental Protection Plan