



Spectrum FieldScout 2266FS Direct Soil EC Probe/Meter

Product Images



Short Description

Get instant and accurate direct EC measurement in soil media, water and nutrient solutions.

Description

Instant and accurate direct EC measurement. Replaces the FieldScout Direct Soil EC Meters 2265FS and 2265FSTP.

- Automatic temperature compensation ensures accurate readings in varying environments
- Easy-to-navigate interface for quick setup and calibration
- Patented paired sensor tip provides maximum soil sensor contact and higher accuracy
- Shows both the parameter and temperature readings simultaneously

- Display offers indicators for battery life, readiness, and calibration
- Simple operation with MENU button, 1-button calibration and HOLD button to freeze readings for taking notes
- No need to prepare samples – simply sample through the profile
- Sample directly in plug trays, pots, containers, solutions or ground soils
- Intuitive interface with self-diagnostic error messages
- Automatically recognizes the solution for calibration
- Backlight increases LCD screen readability in low light conditions
- Long lasting and waterproof.

NOTE: Not compatible with Conductivity Standard, 2.76 mS/cm, 250mL (item 2254)

Additional Information

Brand	Spectrum Technologies																						
Explanation	<p>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.</p> <p>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.</p> <p>Use this portable EC meter and probe to measure salinity in greenhouse soil media right on the spot without tedious soil sampling and preparation.</p> <p>Greenhouse production managers can compare readings from plant to plant and fine-tune their fertility programme because measurements can be made directly in a plug tray cell without cannibalizing the seedlings. Turf managers can monitor for high salt levels on golf course greens and determine when to flush (leach) salts before turf quality declines.</p> <p>The meter comes with the Field Scout Soil/Water EC probe. This single, stainless steel probe has a specially designed conical tip. It can measure liquid EC (water or nutrient solutions) or in-situ soil salinity. The probe automatically compensates for temperature.</p> <table> <tr> <td>EC Range</td><td>0.0 to 200.0 μS/cm, 200 to 2000 μS/cm, 2.00 to 20.00 mS/cm</td></tr> <tr> <td>EC Resolution</td><td>0.1 μS/cm, 1 μS/cm, 0.01 mS/cm</td></tr> <tr> <td>EC Accuracy</td><td>\pm1% full scale</td></tr> <tr> <td>Temperature Range</td><td>32 to 140 °F (0 to 60°C)</td></tr> <tr> <td>Temperature Resolution</td><td>0.1°F / 0.1°C</td></tr> <tr> <td>Temperature Accuracy</td><td>\pm0.9°F (\pm 0.5°C) from 32 to 122 °F (0 to 50°C) \pm1.8°F (\pm1.0°C) from 122 to 140 °F (50 to 60°C)</td></tr> <tr> <td>Temperature Compensation</td><td>Yes, ATC</td></tr> <tr> <td>Normalization Temperature</td><td>77°F (25°C)</td></tr> <tr> <td>Waterproof</td><td>IP67</td></tr> <tr> <td>Battery</td><td>Four AAA 1.5 V</td></tr> <tr> <td>Battery life</td><td>>150 hours</td></tr> </table>	EC Range	0.0 to 200.0 μ S/cm, 200 to 2000 μ S/cm, 2.00 to 20.00 mS/cm	EC Resolution	0.1 μ S/cm, 1 μ S/cm, 0.01 mS/cm	EC Accuracy	\pm 1% full scale	Temperature Range	32 to 140 °F (0 to 60°C)	Temperature Resolution	0.1°F / 0.1°C	Temperature Accuracy	\pm 0.9°F (\pm 0.5°C) from 32 to 122 °F (0 to 50°C) \pm 1.8°F (\pm 1.0°C) from 122 to 140 °F (50 to 60°C)	Temperature Compensation	Yes, ATC	Normalization Temperature	77°F (25°C)	Waterproof	IP67	Battery	Four AAA 1.5 V	Battery life	>150 hours
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Battery	Four AAA 1.5 V																						
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Contents	Includes: <ul style="list-style-type: none"> • carrying case • batteries • 1.41 mS/cm EC calibration standard (250 mL) 																						
Ideal For	Agromony																						
Power	Battery Only																						
Specification	Range: 0.0 to 200.0 μ S, 200 to 2000 μ S, 2.00 to 20.00 mS																						
Typical applications	Environmental (Outdoor)																						
Measurements	Soil Electrical Conductivity (EC)																						