



Wireless ISFET pH & pH/EC/ORP Probes

MEASUREMENT OPTIONS FOR CONSISTENT PLANT QUALITY

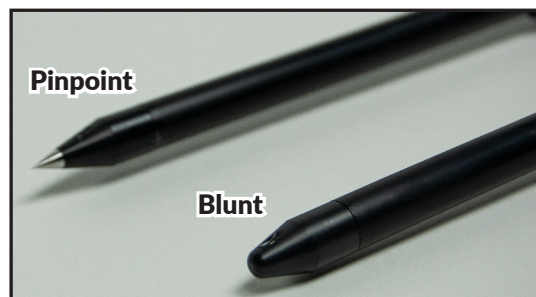
Easy, accurate and direct soil measurements with BLE (Bluetooth Low Energy) wireless connection to mobile device

FEATURES & BENEFITS

- Measure directly in plug trays, pots, containers, solutions and soil-less media
- ISFET non-glass pH electrode stores dry
- Connects to mobile device via Bluetooth
- Real-time notifications whenever the value of pH/EC/ORP is out of range
- Measurements are geo-referenced and stored
- Download the FieldScout pH/EC/ORP app from your app store



Wireless Probe Tips



ITEMS

2127WE - FieldScout Wireless Blunt Tip ISFET pH/EC/ORP Probe*

2128WE - FieldScout Wireless Pinpoint Tip ISFET pH/EC/ORP Probe*

*includes hard case, transmitter, blunt or pinpoint tip probe, pre-drill stick, wireless charging station, pH 4&7 buffer solution and conductivity standard

2127W - FieldScout Wireless Blunt Tip ISFET pH Probe*

2128W - FieldScout Wireless Pinpoint Tip ISFET pH Probe*

*includes hard case, transmitter, blunt or pinpoint tip probe, pre-drill stick, wireless charging station and pH 4&7 buffer solution

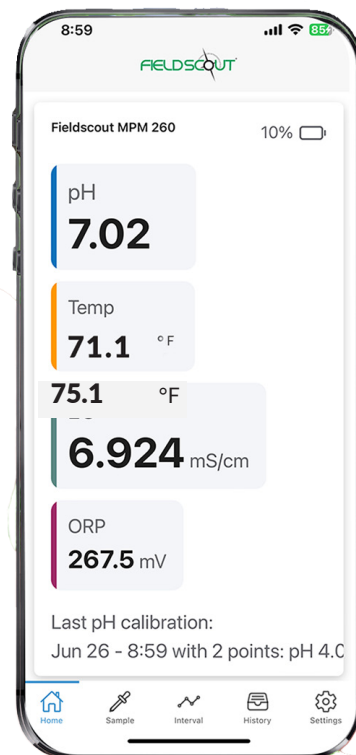
REPLACEMENT PROBES

2127RE - FieldScout Wireless Blunt Tip ISFET pH/EC/ORP Replacement Probe

2127R - FieldScout Wireless Blunt Tip ISFET pH Replacement Probe

2128RE - FieldScout Wireless Pinpoint Tip ISFET pH/EC/ORP Replacement Probe

2128R - FieldScout Wireless Pinpoint Tip ISFET pH Replacement Probe



pH/EC/ORP Measurement

PRODUCT SPECIFICATIONS

| CHARACTERISTIC | DESCRIPTION |
|-----------------------------------|--|
| Connection | BLE (Bluetooth Low Energy) wireless connection to mobile device |
| ATC (Auto Temperature Correction) | Yes |
| Status | RGB LED for status update and recognition to cloud-based application |
| Dimensions | 8.8" x 1.0" x 0.8" (224mm x 24.2mm x 20mm) |
| Probe Material | ABS/PEEK/Stainless Steel |
| Probe Length | 5.0" (128mm) |
| Data Storage | Transmitter stores data when mobile device is disconnected |
| Operating/Storage Temperature | 32°F to 176°F (0°C to 80°) and 30% to 80% RH |
| Battery | Wireless Chargeable Battery °F |
| Battery Operation Time | 2-3 Weeks |
| Battery Charge Time | 2 Hours |
| pH | DESCRIPTION |
| Sensor | Glass-Free Ion Sensitive Field Effect Transistor (ISFET) Semiconductor |
| Range | 0.00 to 14.00 |
| Accuracy | ± 0.02 |
| Resolution | 0.01 |
| Calibration | 1-, 2-, 3- and 5- point calibration |
| TEMPERATURE | DESCRIPTION |
| Sensor | NTC |
| Range | 32°F - 176°F (0°C - 80°C) |
| Accuracy | 1% |
| Resolution | 0.1°F (0.1°C) |
| ELECTRICAL CONDUCTIVITY (EC) | DESCRIPTION |
| Sensor | 4-Electrode EC Sensor |
| Range | 50 - 111,800µS/cm |
| Accuracy Within 1% | 50 - 12,880µS/cm |
| Accuracy Within 10% | 50 - 111,800µS/cm |
| Resolution (50 - 12,880µS/cm) | 0.5 nS/cm |
| Resolution (50 - 111,800µS/cm) | 50 nS/cm |
| Calibration | At Factory/1-Point Calibration |
| OXIDATION REDUCTION POTENTIAL | DESCRIPTION |
| Range | -2,000 - +2,000mV |
| Accuracy | ±0.2mV |
| Resolution | 0.1mV |
| Calibration | At Factory |



SCAN TO DOWNLOAD
THE APP

