



**Meterra SYSTEMS**  
Monitoring & Automation

**\$600** +Plan

# Soil Analysis & Monitoring

## Dual Soil Probes

- Battery life approx. 2+ yrs
- Sensor measurements every 60 min.
- The dashboard displays all data collected.
- Two probes per device
  - Up to four probes per device.
- Cable length 8 feet
  - Cables can be up to 131 feet each.
- Downloadable data & trends

### Soil Moisture Data

- Range: 0-100.00 V/V %
- Resolution: 0.01 V/V %
- Accuracy:  $\pm 3\%$  (0-53%) V/V %,  $\pm 5\%$  (>53%) V/V %
- Measure Method: FDR, with temperature & EC, compensate

### Soil Temperature Data

- Range:  $-40.00^{\circ}\text{C} \sim 85.00^{\circ}\text{C}$
- Resolution:  $0.01^{\circ}\text{C}$
- Accuracy:  $-10^{\circ}\text{C} \sim 50^{\circ}\text{C}$ :  $<0.3^{\circ}\text{C}$ , All other:  $<0.6^{\circ}\text{C}$
- Measure Method: RTD, and calibrate

### Soil Conductivity Data

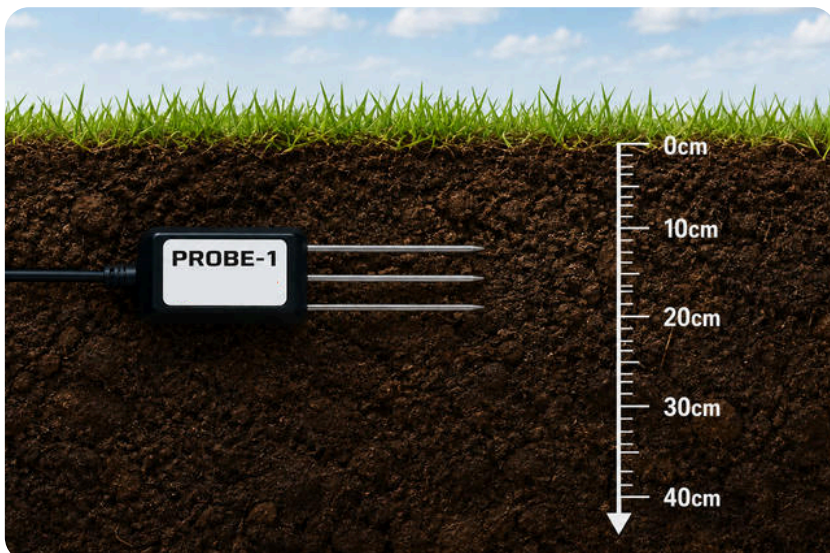
- Range: 0-20000  $\mu\text{S}/\text{cm}(25^{\circ}\text{C})(0-20.0\text{EC})$
- Resolution: 1  $\mu\text{S}/\text{cm}$
- Accuracy: 2%FS
- Measure Method: Conductivity, with temperature compensate

**\$450** +Plan

## pH Soil Probes

### Soil pH Data

- Range: 0-20000  $\mu\text{S}/\text{cm}(25^{\circ}\text{C})(0-20.0\text{EC})$
- Resolution: 1  $\mu\text{S}/\text{cm}$
- Accuracy: 2%FS
- Measure Method: Conductivity, with temperature compensate



Temperature  
Moisture  
EC  
Probe



pH Probe





# Bluetooth Soil Analyser

**\$850**

## Soil - pH + Temperature + Moisture + EC

### Device Features

- Take instant readings
- Log GPS location via phone
- Rechargeable Battery – USB-C
- Downloadable & Trackable data
- 2.5m cables

### Soil Moisture Data

- Range: 0-100.00 V/V %
- Resolution: 0.01 V/V %
- Accuracy:  $\pm 3\%$  (0-53%)V/V %,  $\pm 5\%$  (>53%) V/V %
- Measure Method: FDR, with temperature & EC, compensate

### Soil Temperature Data

- Range:  $-40.00^{\circ}\text{C} \sim 85.00^{\circ}\text{C}$
- Resolution:  $0.01^{\circ}\text{C}$
- Accuracy:  $-10^{\circ}\text{C} \sim 50^{\circ}\text{C}$ :  $<0.3^{\circ}\text{C}$ , All other:  $<0.6^{\circ}\text{C}$
- Measure Method: RTD, and calibrate

### Soil Conductivity (EC) Data

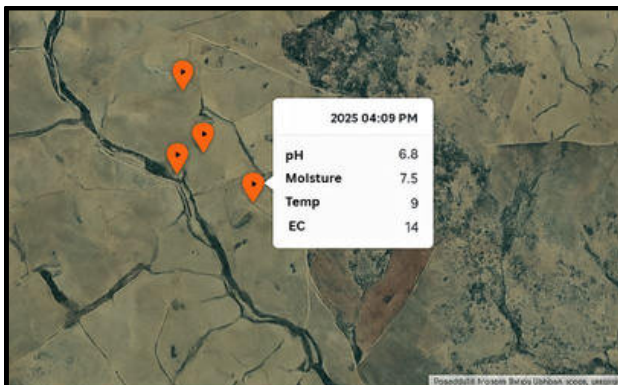
- Range: 0-20000  $\mu\text{S}/\text{cm}(25^{\circ}\text{C})(0-20.0\text{EC})$
- Resolution: 1  $\mu\text{S}/\text{cm}$
- Accuracy: 2%FS
- Measure Method: Conductivity, with temperature compensate

### Soil pH Data

- Range: 0-20000  $\mu\text{S}/\text{cm}(25^{\circ}\text{C})(0-20.0\text{EC})$
- Resolution: 1  $\mu\text{S}/\text{cm}$
- Accuracy: 2%FS
- Measure Method: Conductivity, with temperature compensate



**Map your  
soil data**



## Mobile App & Dashboard

### Dashboard & Data

- Data collected and sent in hourly intervals
- Unlimited users
  - User permission functions
- Access via desktop or mobile app
- Historical data stored for your records
- Automated email report functions

**See Trends, Make Decisions,  
Improve Yield**

