



Farmblox

Soil Sensor



The **Farmblox Soil Sensor** measures soil moisture, temperature, and EC in a field, greenhouse or any agricultural space.

Connecting the Soil Sensor to a Farmblox Wireless Monitor allows you to remotely see current soil conditions from wherever you are and track changes over time from the Farmblox Dashboard. Skip walking the farm. Quickly check up on all irrigated zones from your phone and know exactly when you need to water. Set automatic alerts to warn of dry or overly wet soil and extreme soil temperatures for improved irrigation.

Technical Specifications

Communication

-   

Environmental

- Operating temperature -20°C/-4°F – 80°C/176°F
- Operating relative humidity 0 – 80%

Enclosure

- IP68 epoxy resin sealant
- Stainless steel probes

Physical

- Case dimensions 2.25" x 1.75" x 0.5" (LxWxH)
- Probe length 2"
- Probe diameter 0.12"
- Cable length 6.4'
- Weight 4.8 oz

Warranty

- 3 years

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Accuracy

- Soil temperature $\pm 0.5C/0.9F$
- Soil moisture
 - 2% when 0-50% moisture
 - 3% when 50-100% moisture
- Soil EC/Conductivity
 - $\pm 3\%$ when 0-10,000 us/cm
 - $\pm 5\%$ when 10,000-20,000 us/cm

Precision

- Soil temperature 0.1C
- Soil moisture 0.1%
- Soil EC/Conductivity 10 us/cm



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Monitor Your Entire Farm From Your Phone

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