

# Soil Moisture Sensor Market: Market Size, Trends and Growth Analysis

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## Abstracts

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### Soil Moisture Sensor Market Trends and Forecast

The future of the global soil moisture sensor market looks promising with opportunities in the agriculture, construction and mining, residential, forestry, landscaping and ground care, research studies, sports, and weather forecasting industries. The global soil moisture sensor market is expected to reach an estimated \$0.39 billion by 2028 with a CAGR of 12% from 2023 to 2028. The major drivers for this market are increasing the use of soil moisture sensors in agriculture to enhance productivity and sustain groundwater levels and growing adoption of smart agricultural equipment globally.

A more than 150-page report is developed to help in your business decisions. Sample figures with some insights are shown below.

### Soil Moisture Sensor Market by Segment

The study includes a forecast for the global soil moisture sensor market by soil moisture sensor market by sensor type, connectivity, application, and region, as follows:

Soil Moisture Sensor Market by Sensor Type [Value (\$B) Shipment Analysis from 2017 to 2028]:

#### Volumetric Soil Moisture Sensors

- o Capacitance

- Probes

- Time Domain Transmissometry (TDT)

- Soil Water Potential Sensors

- o Gypsum Blocks

- Tensiometers

- Granular Matrix

Soil Moisture Sensor Market by Connectivity [Value (\$B) Shipment Analysis from 2017 to 2028]:

- Wireless

- Wired

Soil Moisture Sensor Market by Application [Value (\$B) Shipment Analysis from 2017 to 2028]:

- Agriculture

- Construction and Mining

- Residential

- Forestry

- Landscaping and Ground Care

- Research Studies

- Sports

- Weather Forecasting

Soil Moisture Sensor Market by Region [Value (\$B) Shipment Analysis from 2017 to 2028]:

North America

Europe

Asia Pacific

The Rest of the World

### List of Soil Moisture Sensor Companies

Companies in the market compete on the basis of product quality offered. Major players in this market focus on expanding their manufacturing facilities, R&D investments, infrastructural development, and leverage integration opportunities across the value chain. With these strategies soil moisture sensor companies cater increasing demand, ensure competitive effectiveness, develop innovative products & technologies, reduce production costs, and expand their customer base. Some of the soil moisture sensor companies profiled in this report include.

Toro

Campbell Scientific

Spiio

Sentek

METER Group

### Soil Moisture Sensor Market Insights

Lucintel forecast that wired will remain the larger segment over the forecast period because it helps in determining the volumetric water content of the soil from a distance.

Agriculture is expected to remain the largest segment due to growing demand of these sensors for agricultural lands, which helps the farmers to minimize water usage and enhance food production.

North America will remain the largest region due to stringent environment regulations and growing adoption of yield farming and precision farming techniques in this region.

## Features of the Soil Moisture Sensor Market

**Market Size Estimates:** Soil moisture sensor market size estimation in terms of value (\$B)

**Trend And Forecast Analysis:** Market trends (2017-2022) and forecast (2023-2028) by various segments and regions.

**Segmentation Analysis:** Soil moisture sensor market size by various segments, such as by sensor type, connectivity, application, and region

**Regional Analysis:** Soil moisture sensor market breakdown by North America, Europe, Asia Pacific, and the Rest of the World.

**Growth Opportunities:** Analysis on growth opportunities in different by sensor type, connectivity, application, and regions for the soil moisture sensor market.

**Strategic Analysis:** This includes M&A, new product development, and competitive landscape for the soil moisture sensor market.

**Analysis of competitive intensity of the industry based on Porter's Five Forces model.**

## FAQ

Q1. What is the soil moisture sensor market size?

Answer: The global soil moisture sensor market is expected to reach an estimated \$0.39 billion by 2028.

Q2. What is the growth forecast for soil moisture sensor market?

Answer: The global soil moisture sensor market is expected to grow with a CAGR of 12% from 2023 to 2028.

Q3. What are the major drivers influencing the growth of the soil moisture sensor market?

Answer: The major drivers for this market are increasing the use of soil moisture sensors in agriculture to enhance productivity and sustain groundwater levels and growing adoption of smart agricultural equipment globally.

Q4. What are the major segments for soil moisture sensor market?

Answer: The future of the soil moisture sensor market looks promising with opportunities in the agriculture, construction and mining, residential, forestry, landscaping and ground care, research studies, sports, and weather forecasting industries.

Q5. Who are the key soil moisture sensor companies?

Answer: Some of the key soil moisture sensor companies are as follows:

Toro

Campbell Scientific

Spiio

Sentek

METER Group

Q6. Which soil moisture sensor segment will be the largest in future?

Answer: Lucintel forecast that wired will remain the larger segment over the forecast period because it helps in determining the volumetric water content of the soil from a

distance.

Q7. In soil moisture sensor market, which region is expected to be the largest in next 5 years?

Answer: North America will remain the largest region due to stringent environment regulations and growing adoption of yield farming and precision farming techniques in this region.

Q8. Do we receive customization in this report?

Answer: Yes, Lucintel provides 10% Customization Without any Additional Cost.

This report answers following 11 key questions

Q.1. What are some of the most promising, high-growth opportunities for the soil moisture sensor market by sensor type (volumetric soil moisture sensors and soil water potential sensors), connectivity (wired and wireless), and application (agriculture, construction and mining, residential, forestry, landscaping and ground care, research studies, sports, and weather forecasting), and region (North America, Europe, Asia Pacific, and the Rest of the World)?

Q.2. Which segments will grow at a faster pace and why?

Q.3. Which region will grow at a faster pace and why?

Q.4. What are the key factors affecting market dynamics? What are the key challenges and business risks in this market?

Q.5. What are the business risks and competitive threats in this market?

Q.6. What are the emerging trends in this market and the reasons behind them?

Q.7. What are some of the changing demands of customers in the market?

Q.8. What are the new developments in the market? Which companies are leading these developments?

Q.9. Who are the major players in this market? What strategic initiatives are key players pursuing for business growth?

Q.10. What are some of the competing products in this market and how big of a threat do they pose for loss of market share by material or product substitution?

Q.11. What M&A activity has occurred in the last 5 years and what has its impact been on the industry?

For any questions related to soil moisture sensor market or related to soil moisture sensor companies, soil moisture sensor market size, soil moisture sensor market share,

soil moisture sensor analysis, write Lucintel analyst at email: [helpdesk@lucintel.com](mailto:helpdesk@lucintel.com) we will be glad to get back to you soon.

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