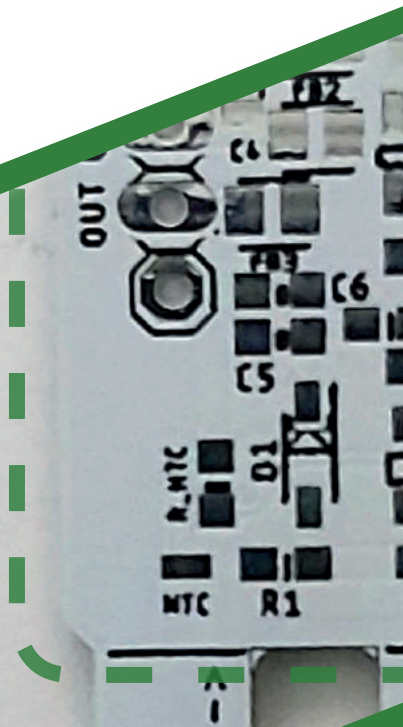


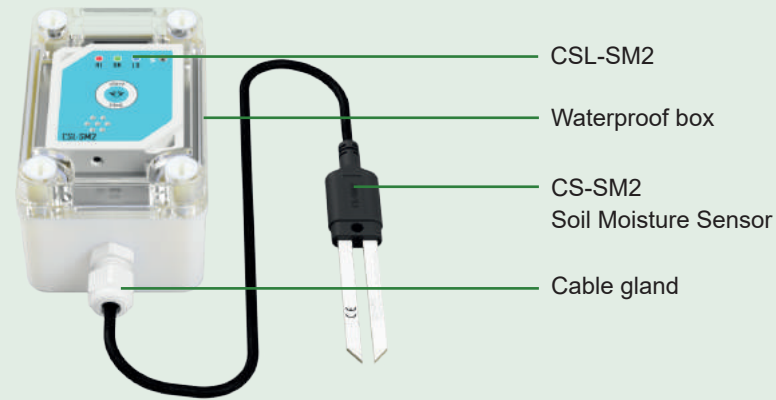
Soil Moisture Logger



CREDOSENSE

Resilient, Accurate, Affordable

CredoSense uses innovative design and a unique hardware setup to offer fast, reliable, and highly accurate sensor-logger solutions at an extremely affordable price. Our systems are carefully calibrated and tested extensively in diverse environments under various stresses. Our products are manufactured with industry-grade materials suitable for both scientific and industrial applications. We guaranty the highest utility per precious dollar spent.



CS-SL-SM

Soil Moisture Logging System

The Self-logging Soil Moisture Sensor System (CS-SL-SM) comprises of a CSL-Series Logger (CSL-SM2) and a soil moisture sensor (CS-SM2). It is a unique product capable of measuring and storing soil volumetric water content. The CS-SL-SM is developed based on the requirements of many users of soil moisture sensors. This is the only Self-logging Soil Moisture Sensor System available in the market.

FIELD OF APPLICATION

In applications such as agriculture, greenhouse management, horticulture, plant ecology, climate research, and eco-hydrology.

SPECIFICATION

- ❑ Sensor accuracy: $\pm 2.5\%$ typical with most soils (soil solution EC < 10 dS/m). Soil-specific calibration can enhance the accuracy up to $\sim 2\%$.
- ❑ Measurement range: VWC 0% to saturation.
- ❑ Operating temperature: -40°C to $+50^{\circ}\text{C}$.
- ❑ Maximum sampling rate: 60s (software programmable to different rate).
- ❑ Power requirement: 3V (CR2450 battery).
- ❑ Sensing zone: 5cm radius (around the probe).
- ❑ Wire length: 1m.

KEY FEATURES

- ❑ Uses high frequency ($>70\text{Mhz}$) to minimize soil salinity and textural effects.
- ❑ Temperature-corrected measurements ensure high accuracy.
- ❑ Wear-free design and engineered to last long.
- ❑ Small footprint sensor.
- ❑ Outdoor-ready compact design.

We offer upto 10% discounts on all products on top of our already low price for educational institutions in developing countries, STEM education, young researchers, and small-scale farms. Contact sales@credosense.ca for pricing.

We spend the least on marketing so that you can buy at an affordable price. Please help spread the word.

Interested in free samples ? Reach us at sales@credosense.ca

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