



We Measure the World

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## Decagon Devices, Inc. Product Market Information Sheet

**Product:** Decagon GS1

**Description:** Soil sensor which continuously measures soil moisture. Soil moisture is measured using frequency domain technology. Sensor requires 3-15 VDC and has a digital output. A stereo plug on the sensor allows the sensor to plug into Decagon's Em50 series Data logger.

The GS1 contains patented technology (patented by Decagon Devices, Inc.) for monitoring soil moisture using frequency domain technology. The patent covers the ability of the sensor to accurately monitor soil moisture in a variety of soil types and soil salinities. The sensor is, by design, accurate and rugged at a price that allows researchers to easily characterize spatial variability.

**Distributors of Product:** Decagon is the sole distributor of the GS1 in the USA to universities and other research institutions.

**Competitors with similar products:** None known

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