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New Soil Moisture Sensor Improves Irrigation

ASTON, Pa., May 18, 2016 – The new Sensaphone® Soil Moisture Sensor helps landscapers, horticulturists, greenhouse operators, golf course managers, farmers and other commercial growers irrigate more efficiently. The sensor measures water content in soil and other growing media, so that users can be alerted when moisture conditions fall outside the desired range. Instant notification prevents over- or under-watering, minimizes water usage, promotes growth and increases crop yield and quality.



The Sensaphone Soil Moisture Sensor is compatible with most Sensaphone remote monitoring systems, which provide the necessary alerting and data logging functionality. The system can also interface with an irrigation controller to prevent irrigation cycles when soil is already wet, which reduces water usage and minimizes leaching of fertilizers and other chemicals into the ground.

The Sensaphone Soil Moisture Sensor determines volumetric water content (VWC) using technology that makes readings accurate in almost any soil or soilless growing media. The sensor operates in temperatures from -40 °F to 140 °F (-40 °C to 60 °C), and has an accuracy range of ±6% VWC when generically calibrated for the growing media that it supports. Accuracy increases when the sensor is calibrated for specific growing media. Factory calibrations are included for measuring moisture in mineral soils, potting soils and rockwool growing media.

“This new sensor helps manage soil moisture during critical plant growth stages and control costs by adjusting water use,” said Rob Fusco, technical support and service manager at Sensaphone. “It gives growers the data they need to irrigate more accurately and efficiently.”

[Click here](#) for more information about the Sensaphone Soil Moisture Sensor or to download a brochure.

About Sensaphone

Sensaphone® offers a comprehensive line of remote monitoring products that safeguard valuable assets by tracking critical environmental data such as temperature, humidity and power failures. Sensaphone products provide alerts and proactive monitoring data to homeowners and facility managers in many areas including telecommunications, oil and gas, water and wastewater, HVACR, agriculture, healthcare, data centers and greenhouses. More than 400,000 Sensaphone systems are in use today around the world, and they continue to be manufactured in the USA. For more information, call 877-373-2700, email sales@sensaphone.com or visit www.sensaphone.com.

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