

Decagon Devices, Inc. Product Market Information Sheet

Product: Decagon EC-TM

Description: Soil sensor which continuously measures both temperature and soil moisture. Soil moisture is measured using frequency domain technology while temperature is measured using a thermistor in thermal contact with length of sensor. Sensor requires 3-16 VDC and has a digital output. A stereo plug on the sensor allows the sensor to plug into Decagon's Em50 Data logger.

The EC-TM 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 EC-TM in the USA to universities and other research institutions.

Competitors with similar products: None known.