

Decagon RT-1 Rugged Sensor

The rugged RT-1 soil temperature sensor is an easy-to-use sensor for measuring the temperature of soil or other materials.



Weatherproof for Long-Term Use

The sensor is stainless steel, completely water proof, submersible, and designed for continuous outdoor use.

Plug and Play Technology

The rugged temperature sensor can be used with either the Em5B logger or the Em50 logger series. However, typical users of the Em50 series logger prefer to measure soil temperature in conjunction with their soil moisture measurement using the 5TM.



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Specifications

Temperature Accuracy	-40° to -20°C: $\pm 1.0^{\circ}\text{C}$ 5° to 40°C: $\pm 0.5^{\circ}\text{C}$ 40° to 50°C and -20 to 5°C: better than $\pm 1.0^{\circ}\text{C}$
Temperature Resolution	0.1°C
Temperature Range	-40° to 80°C
Sensor Type	Thermistor
Operating Environment	-40° to 80°C
Cable Length	5 m
Cable Connector Types	3.5 mm "stereo" plug
Sensor Dimensions	2 cm x .075 cm
Data Logger Compatibility	Decagon Em50 Series, Decagon Em5b logger, ProCheck
Warranty	One year, parts and labour

