



METER-SENSOR USER GUIDE

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GENERAL

The Meter-Sensor is turned on or off by pressing and holding the white button next to the USB port for about ten seconds until the display responds. Do not turn on the Meter-Sensor unless a probe is present. Do not change from a Temperature Probe to a T&H (Hum) probe, or vice-versa, without turning off the Meter-Sensor first. One Temperature Probe may be exchanged for a different Temperature Probe without cycling power. For instance, an air probe such as PR-T-5 may be replaced by a PR-T-4 water insertion probe without cycling power. However, changing from a Temperature Probe to a T&H (Hum) probe without cycling power will confuse the Meter-Sensor. If the Meter-Sensor malfunctions, cycle power to restore proper operation. The Meter-Sensor will eventually be able to datalog without a Wrist Reporter. When that software is available, you will be able to update your modules at no charge.

WITHOUT A WRIST REPORTER

Install a Temperature or T&H Sensor Shaft. Turn on the Meter-Sensor. The Meter-Sensor will recognize the installed Sensor Shaft. When you see the display "Searching for Wrist Reporter", momentarily press and release the top-side button, below the display. The unit will abandon its search for a Wrist Reporter and will begin displaying measurements.

WITH A WRIST REPORTER

Install a Temperature or T&H Sensor Shaft. Turn on the Wrist Reporter. Turn on the Meter-Sensor. The Meter-Sensor will link to the Wrist Reporter as is normal for Sensing Modules, and can then participate in wireless remote measurements and normal communication with the Wrist Reporter, including multiple Sensors of any type from multiple locations.

PROBES AND CALIBRATION

Meter-Sensor Probes are calibrated independently of the Meter-Sensor Module. They have their own calibration certificate. The T&H (Hum) Probes may be used with any Meter-Sensor Module. The Temperature Probes (PR-T-x) may be used with any Temperature Module RM-T-1 as well as any Meter-Sensor MS-T&H-101.

OPERATION WITH T&H PROBE



OPERATION WITH TEMP PROBE



BATTERY CHARGING

A wall-mount charger and cable are provided. Note that the charging port is a USB-Micro, in contrast to many other Evergreen Telemetry modules that are charged via USB-Mini cables. The USB-Micro is widely used, and many cell phone charges can be used for the Meter-Sensor. Plug the charging cable into the USB-Micro port on the side of the Meter-Sensor. If the battery needs power, the green LED will turn on. The Meter-Sensor may be left on charge indefinitely, and the instrument may be on and measuring during charging.

