

RF TeleProbe™



engineered**COMPOST**systems

When you need accurate wireless compost temperature data for process control or compliance, the RF TeleProbe™ is the industry's leading choice.

Your markets demand consistent product quality and your compost facility must meet increasing levels of regulatory scrutiny. The **RF TeleProbe™** provides operators with a robust tool to help meet both of these challenges.



The third generation RF TeleProbe™ has the strongest track record in the industry (we have delivered over 400 since 1998).

This field-proven wireless temperature monitoring system accurately measures and records pile temperature data, 24/7, regardless of weather conditions.

The layout of many large facilities makes implementing a hard-wired temperature monitoring system impractical. Acquiring temperature data by walking the piles with a hand-held device is labor intensive and, if forced aeration is used, too infrequent to make timely adjustments to air delivery rates.

The **RF TeleProbe™** can also interface with second party SCADA systems via the industry standard MODBUS communication protocol. If you need to control aeration and odor scrubbing technologies, the **RF TeleProbe™** can be integrated seamlessly into the full featured ECS CompTroller™ aeration control and monitoring system.



Standard features:

- Uses 2.4 GHz spread spectrum wireless standard per IEEE 802.15.4
- Proven design—robust, double-sealed, impact resistant construction
- Probe shaft is made of heavy walled 316 stainless steel
- Probe handle can withstand high insertion forces
- Integrates easily into a wide variety of control technologies, or can be used for stand-alone monitoring with the ECS web-based data acquisition system
- Tip or tip+midshaft sensor locations
- Accuracy $\pm 0.5^{\circ}\text{C}$
- Operating temperature range is -30°C to 85°C
- Recovers in seconds after re-boot/power-up
- Nominal battery life of 2 years
- Outdoor line-of-sight range is 1,000 meters and can be extended using repeaters
- Data acquisition rates can be varied
- Network connections can be either wireless or hardwired
- 2 Year Conditional Warrantee

- Facility Design
- In-Vessel
- ASP
- Automated Controls
- Client Support