

# 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.

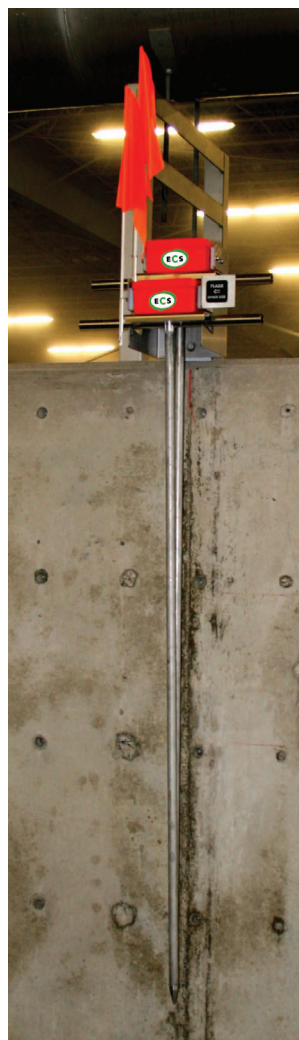


*The third generation RF TeleProbe™ has the strongest track record in the industry ( we have delivered over 400 since 1998).*

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:

- 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
- Single or dual sensors per probe
- Accuracy  $\pm 0.5^{\circ}\text{C}$
- Operating temperature range is  $-30^{\circ}\text{C}$  to  $85^{\circ}\text{C}$
- Recover 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