

Tek Marshal: Internet Retort Diagnostics

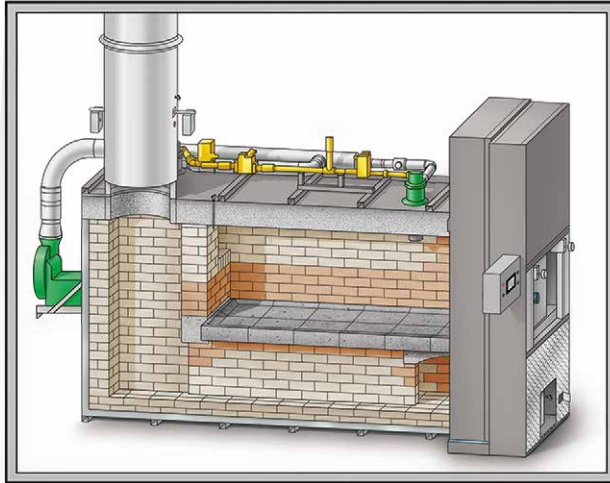
from *Cremation Systems*

Tek Marshal™ is the first internet retort diagnostic product to help identify combustion and control issues, electrical issues and dirty smoke monitors without a service tech visiting your crematorium.

Tek Marshal reduces:

- Retort downtime
- Expensive service calls
- \$150/hr technician
- Travel per diem
- Lost business

Improves crematory operations and earnings



How it works

1. Call Cremation Systems on the telephone.
2. Cremation Systems connects your retort via the Internet.
3. Cremation Systems runs Tek Marshal diagnostics and identifies the retort problem.
4. If spare parts are available, the problem can be solved quickly and easily. (Tutorial videos are also available online at www.cremsys.com)



Cremation Systems offers the only crematorium monitoring technology available.



Fire Marshal™ comes standard on all CFS-2300 cremation chambers.



Cremation Systems™

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Tek Marshal™ remote diagnostics include:

- PLC input power is good.
 - PLC output power is good.
 - Open thermocouples
 - Proper function of the door limits
 - Ability to test gas and air actuators
 - Test all relays for proper function.
 - Test afterburner and main burner flame signal strength. This test will make sure the burner is operating with a stable flame. Failure could be caused either by a dirty UV scanner or the combustion needs to be tuned.
 - Smoke detector is operating correctly (or could need calibration).
 - Blower motor starter is functional.
 - Blower overloads are not tripped.
 - Safety limits status proves the machine is prepared to operate.
- Software updates for the **PLC** (Programmable Logic Controller) & **HMI** (Human Machine Interface)

