PERFORMANCE MONITORING SYSTEM
WORKS WITH EVERY NEW OR EXISTING WISCONSIN OVEN MODEL

Using an IoT gateway with a DataSense™ Service Plan®, this system collects information from predictive maintenance sensors to track the performance and health of a variety of components and conditions on your industrial oven. The gateway wirelessly transmits data to a cloud platform where it can be displayed in dashboards. Thresholds can be set around warning or alarm conditions to notify the Wisconsin Oven service team.

PREDICT POTENTIAL FAILURE - Predict component failures and take preventative measures prior to the failure occurring

REDUCE DOWNTIME - Through continuous monitoring of the oven operation, component failures can be diagnosed and corrected quickly

PLAN MAINTENANCE - Preempt oven failures so maintenance downtime can be scheduled

DIAGNOSE REMOTELY - Diagnose oven problems quickly without waiting for a service technician to be scheduled

INCREASE PRODUCTIVITY & PROFITABILITY - Minimize unplanned downtime to maximize the productivity of the oven and increase profitability

DataSense™ Gateway works with multiple sensors to monitor strategic areas of your industrial oven.
WHAT IS MONITORED?
The DataSense™ Technologies system continuously records important data points to make sure your equipment is running at peak performance levels.

FEATURES
- Industrial grade sensors are pre-wired and tested prior to shipment.
- Cellular technology connects automatically upon oven power-up, with no monthly cellular fees.
- Continuous monitoring (if service plan is purchased) – DataSense™ constantly monitors the system and notifies WOC when anomalies are detected, and can directly notify the customer.
- Dashboards are used to display the data being collected, as well as any alarm conditions – Accessible via an internet browser – Available to the customer if they purchase the service plan.
- Data storage - After being collected, the data points are accumulated and stored for analysis at any time via the dashboard.

EQUIPMENT RETROFITS
- Retrofit packages are available for Wisconsin Oven and non-Wisconsin Oven equipment

SYSTEM SECURITY
- The DataSense™ system only collects data, and cannot affect the oven operation, nor turn the oven off or on. In the unlikely event of a failure of the DataSense™ system, the oven will remain operational.
- DataSense™ does not connect to the customer’s network, nor have access to it
- DataSense™ uses encryption technology, and is just as secure as emails and texts

See how it works
For a quick look into how DataSense™ Technologies work, scan the QR code or visit the Wisconsin Oven YouTube channel and search “DataSense”.

Wisconsin Oven is a brand of Thermal Product Solutions, LLC

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