PERFORMANCE MONITORING SYSTEM
WORKS WITH NEW AND MOST EXISTING TENNEY MODELS

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 environmental chamber. 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 Tenney service team.

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

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

PLAN MAINTENANCE - Preempts chamber failures so maintenance downtime can be scheduled.

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

INCREASE PRODUCTIVITY & PROFITABILITY - Minimize unplanned downtime to maximize the productivity of the chamber and increase profitability.
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 chamber power-up, with no monthly cellular fees.
- Continuous monitoring (if service plan is purchased) – DataSense™ constantly monitors the system and notifies Tenney 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 Tenney and non-Tenney equipment.

SYSTEM SECURITY

- The DataSense™ system only collects data, and cannot affect the chamber operation, nor turn the chamber off or on. In the unlikely event of a failure of the DataSense™ system, the chamber 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 DataSense™ Technologies YouTube channel and search “DataSense”.

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TPS
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