Gas Watcher™
REAL-Time Cost-Effective Management of Gas Usage

Gas Watcher™ Technology

MATHESON
ask. . . The Gas Professionals™
www.mathesongas.com
Gas Watcher™ incorporates Bluetooth communications technology to efficiently and consistently provide "REAL-time" visibility of gas products deployed in your lab or manufacturing plant. Gas Watcher™ conveniently installs into most existing locations where traditional mechanical pressure gauges have been previously installed.

**Easily monitor operating gas status from remote locations**

**Eliminate the need to manually check cylinder pressure**

**Effectively monitor EPA Protocol gases**

**Monitor instrument support gases in analytical labs**

Gas Watcher™ Receiver

Receive gas data, operating status and alarm notifications from the Gas Watcher™ Remote Monitoring feature from any location with internet access.

Remote Gas Management Using Bluetooth Enabled Devices...

- **By Tablet. . .**
- **By Laptop. . .**
- **Or Smart Phone**
Understanding and managing gas usage is an integral part of efficient plant operations. **Gas Watcher™** is MATHESON’s newest innovation for ensuring complete management of gases in “REAL-time.” **Gas Watcher™** is a wireless, web-based gas management system that is user-friendly and provides a cost effective approach to monitoring gases, at the points of usage (POU’s).

**Gas Watcher™** employs the most innovative, patented pressure transducer technology that effectively monitors the operating pressure of each gas product monitored within a specific physical location to ensure an adequate and uninterrupted delivery of gases, while maximizing gas usage onsite for long-term operating benefits.

**IMPORTANT COST SAVING FEATURE:** **Gas Watcher™** digital pressure monitoring technology is set and validated by NIST Traceable Pressure Calibrator/Analyzer instrumentation. As a result, **Gas Watcher™** is far more accurate than pressure indicating devices that are mechanical. This accuracy virtually eliminates gas product waste that is caused by an inaccurate, and premature, identification of a cylinder as being “empty” - with up to a 60 psig advantage vs. standard mechanical pressure gauges. This means that cylinders stay on-line longer, saving end users gas product costs over time.

**Key Operating Advantages:**
- View and manage gases at multiple plant locations from a single operator station
- Analyze gas consumption to minimize expenditures for onsite inventory
- Automatic notification to reorder gases based on preset pressure set-points
- Eliminate delays in gas service to ensure uninterrupted supply
- Automatically collect and record gas data in a standard Excel report
- Send and receive gas data via email, Android or, iPhone for convenient access and actions

**Key Monitoring Features:**
- In-line, switchover or regulator installation
- Location of gases at designated “POU” checkpoints
- Accurate gas inventory organization and reporting
- Multiple preset pressure alarms for each gas
- REAL-time operating pressure of gases
- REAL-time gas usage at specific points of use
- Receive gas service, reorder and change-out alerts
- Eliminate manual inspection of gases to report operating status

Contact MATHESON via email at kwassel@mathesongas.com to discuss how the **Gas Watcher™** can help manage and potentially reduce your cost of gas storage and usage within your facility.
**Gas Watcher™** provides the ability to conveniently monitor the operating status of gases within a facility from remote locations. Manage gases easily from your online web-portal to view monitored locations, create/edit alarms and evaluate usage… all in REAL-time. Let **Gas Watcher™** do the work for you!

- Each monitored location is listed to access operating gas status in a specific area.
- View individual gas operating status in REAL-time within each monitored location.
- The Alarm Notification feature provides the ability to select a gas within a monitored location and assign one or multiple actionable alarms to that specific gas.
- Alarm notifications can be easily created and automatically sent by email and/or text to a recipient; therefore eliminating the need for making repeated trips to manually inspect the operating status of one or more gases within a facility.
- Receive alarm notifications via email and/or text from gas pressure data monitored in REAL-time to efficiently prepare in advance to restock and change-out gases… virtually eliminating the need for manually inspecting gas operating levels and minimizing the opportunity for gas run-outs to occur.
- Easily review individual gas usage within each monitored area… the “Life Cycle In-Use” and “Actual Gas Product Usage” information provide valuable data for procurement and operations planning!

**Gas Watcher™** can produce a comprehensive operating summary of the individual gases in each monitored location over a specified time period; providing REAL-time visibility into current operating status, actual gas usage and alarm settings.