

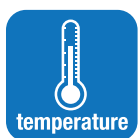


Welding and Industrial Gas

Wireless monitoring of critical gasses with SensoNODE™ Blue Sensors and SCOUT™ Mobile Software

Gas bottles and tanks are not always immediately accessible on the production floor, making it difficult to gauge gas levels. Running out of gas during production can result in failed operation and unplanned downtime.

SensoNODE and SCOUT offer the ability to monitor one or more bottles or tanks conveniently, allowing preparation before a gas runs out. This reduces both production downtime and scrap.



Problem

If left unattended, increased or decreased temperatures outside of the optimal level can lead to:

- Inefficient operation
- Asset damage
- Potentially dangerous situations

Solution

Using SensoNODE sensors to wirelessly monitor tank levels allows workers to:

- Track gas temperatures on their mobile device
- Monitor ambient temperatures
- Diagnose temperature issues early



Problem

Sudden drops in pressure can lead to multiple issues with efficiency and cost:

- Costly production interruptions
- Asset operation faults
- Sign that tank is depleted

Solution

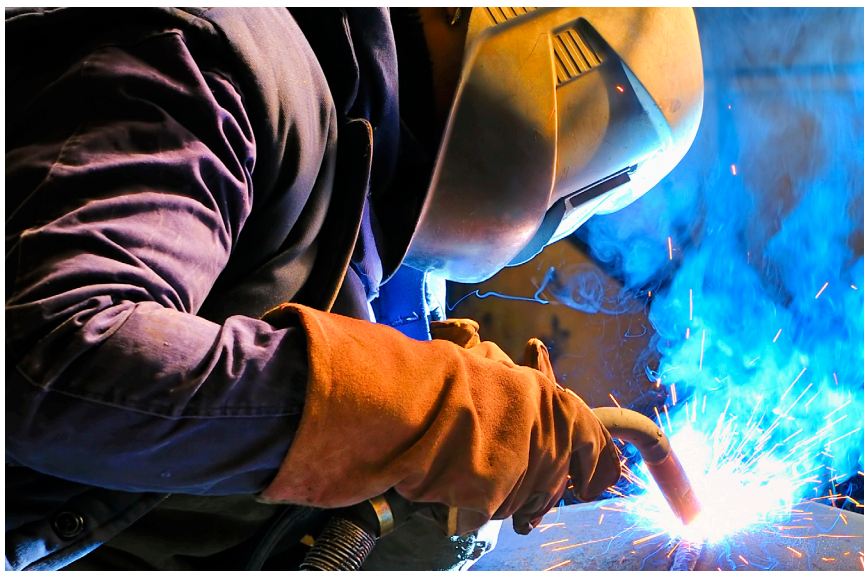
Sensors detect the slightest change in pressure and relay that information to a user's mobile device, which will:

- Alert users to any pressure drop
- Monitor pressure wirelessly
- Diagnose issues early and monitor gas levels

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SensoNODE Blue is Parker's series of Bluetooth-powered sensors. Compact, energy-efficient, and wireless, they are designed to provide simple and useful solutions for diagnostic and condition monitoring applications. SensoNODE monitors assets for changes in pressure, temperature, and humidity to help predict problems and prevent downtime, and delivers the information to your mobile device.



Pressure Sensor Features

- For commonly used pressures with the ranges of (0-150 psi, 0-1500 psi, 0-3625 psi, 0-5800 psi, 0-8700 psi) [10 bar, 100 bar, 250 bar, 400 bar, 600 bar]
- User definable measurement units (psi/bar) for convenient and familiar data readings
- Ports: MNPT, SAE, couplings (push-button, sleeve operated, EMA3) to make plumbing and connecting easier and faster
- Corrosion resistant materials for challenging environments
- Sensor also provides temperature values
- User selectable scan and transmit rates (mode dependent). Currently 1, 2, 5, and 10 seconds. Refer to SCOUT Mobile for the up



Temperature Sensor Features

- Available in a unique clamp design for quick attachment to pipe or hard tubing
- User definable measurement units (F°/C°) for convenient and familiar data readings
- Ports: NPTF and SAE to make plumbing and connecting easier and faster
- Corrosion resistant materials for challenging environments
- User selectable scan and transmit rates (mode dependent). Currently 1, 2, 5, and 10 seconds. Refer to SCOUT Mobile for the up to date capabilities and modalities



Humidity Sensor Features

- 0-100% relative humidity
- Ideal for ambient condition and inert compressed gas monitoring applications
- Ports: NPTF to make plumbing and connecting easier and faster
- Corrosion resistant materials for challenging environments
- Should be mounted vertically.
- Sensor also provides temperature values.
- User selectable scan and transmit rates (mode dependent). Currently 1, 2, 5, and 10 seconds. Refer to the SCOUT Mobile for the up to date capabilities and modalities

SCOUT Mobile software allows users to connect their mobile devices to the SensoNODE sensors and receive diagnostic data and analytics. SCOUT Mobile compiles the data and presents it in a way that makes sense to a user's operation, allowing them to track data in real-time and also review historic trends.

Download for free!
Search "SCOUT Mobile by Parker"

