DO YOU REALLY KNOW IF YOUR GAS SENSORS ARE WORKING?

TruCal saves time and money by doing the hard work for you

**Active Technology**

- **Extend Calibration Intervals**
  - Up to 18 months

- **Validated Performance**
  - Know that the sensor works between calibrations

- **Diffusion Supervision**
  - Alerts if gas can’t reach sensor due to blockage

**Proactive Self-Checks**

- **4x per day**

**Active Correction**

- Adjusts sensor readings due to environmental factors.
- Compensates for maturing sensor performance.

**Automatic Notifications**

- If sensor opening becomes blocked
- When calibration is required.
- Sensor End-of-Life is near.

**Traditional**

- **3 months**
  - Average time between calibrations

- Customers don’t know if a sensor has failed until calibration

**XCell**

- **6h**
  - Customers will know within 6 hours of sensor failures

MSAsafety.com/detection
Pulse Check

Proactive Self-Checks (Patented)

AEC
ADAPTIVE ENVIRONMENTAL COMPENSATION

Ensures electrical connectivity to the sensors
Checks for electrode poisoning
Adapts sensitivity for environmental effects like high heat or humidity
Notifies user if a full span calibration is required

...basically, if anything needs to be adjusted after a Pulse Check, AEC will make the necessary changes automatically and keep you going!

AEC compares the stimulated response to the last calibration and makes adjustments.

Every 6 hours
Stimulates XCell sensor with a response similar to having actual calibration gas applied

AEC sets a new standard for RELIABILITY

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