



# GAS DETECTOR

With 60 years of experience and more than 3200 wells drilled in the Gulf of Mexico region, Continental Laboratories has accrued a leadership role in designing and implementing gas analysis systems for the Oil and Gas industry. Our latest generation gas detection system incorporates two different technologies

into one detector. Catalytic sensors are utilized for greater accuracy when smaller percentages of hydrocarbon gases are present. When greater percentages are encountered, infrared sensor technology is utilized to measure target gasses up to 100% by volume.

This rugged gas detector was designed to withstand extreme levels of rig-induced electrical noise, ambient temperature swings and rig vibrations while still maintaining excellent characteristics throughout the full range of hydrocarbon gases. The result is an extremely accurate and reliable instrument, suitable for all oilfield environments.

Safety is our number one priority at Continental Laboratories and we have designed our gas detector to be as safe to operate as possible. We have added advanced safety features including over-temp monitoring, sensor status indicators, remote alarm capability and audible and visual alarms that are easily accessible to the operator.



## TECHNICAL SPECIFICATIONS

- Ultra-sensitive, low-level catalytic gas readings
- High gas readings utilizing Infrared technology
- Linear measurement of all hydrocarbon gases
- Accurate sensing of high level gases though 100% methane equivalent
- Automatic temperature correction
- Full sample filtration and moisture removal
- Multi-level gas calibrations
- Fully shielded for EMF noise protection
- Multiple analog outputs available
- Industrially-designed 19" rack mount

## SAFETY

- Over-temp monitoring
- Filament sensor status indicator
- Infrared sensor status indicator
- Remote alarm capability
- Audible and visual alarm notifications



Headquartered in Houston, Texas, Continental Laboratories, Inc. is a company dedicated to the advancement of software and hardware solutions for the Oil and Gas industry. All software and hardware is designed and manufactured in-house using an integrated systems approach. The combination of our long history, employees' extensive experience and desire to develop solutions for our customers enables us to create some of the most reliable, stable and functional systems in the industry.