

KECO

Analytical Systems KECO, LLC was established in 1984 employing staff with over 40 years of analytical experience providing field-proven liquid and gas analyzers to the gas processing, pipeline, refining, chemical, water treatment, renewable energy and other industries worldwide. Many ASTM methods and exclusive technologies are utilized. Our analyzers are trusted world-wide including Saudi Aramco, Shell and Chevron who have awarded us as 'preferred vendor'.

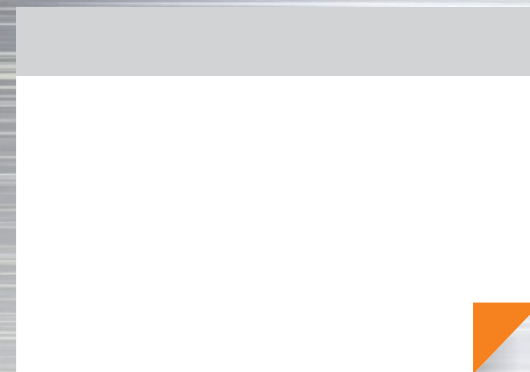
Analyzers for Process and Laboratory

Industry trusted analyzers for rapid analysis of H₂S, Sulfur, CO₂, VOC, Oil & more



KECO

KECO



CMC TECHNOLOGIES

PTY LIMITED ACN: 085 991 224, ABN: 47 085 991 224

Engineering &
Industrial
Instrumentation

Phone: +61 2 9669 4000
Fax: +61 2 9669 4111
Email: sales@cmctechnologies.com.au
Web Site: <http://www.cmctechnologies.net.au>

Unit 19, 77 Bourke Road,
Alexandria, NSW, 2015
AUSTRALIA

Process Analyzers



Model 205

- Measure H2S in crude oil, fuel oil, drilling mud and other heavy liquids
- ASI Membrane Technology
- Specific to H2S only; no false positives ever
- No routine calibrations required
- Measure accurately in ppb, ppm and percent levels
- Explosion-proof for hazardous areas
- Fast response time
- Field-proven operation
- 205 awarded 'Preferred Vendor' by Saudi Aramco, Chevron & others

Model 205P

- Measure H2S in water, Diesel, Naphtha and other light liquids
- ASI Membrane Technology
- Specific to H2S only; no false positives ever
- No routine calibrations required
- Measure accurately in ppb, ppm and percent levels
- Explosion-proof for hazardous areas
- Fast response time
- Field-proven operation
- 205 awarded 'Preferred Vendor' by Saudi Aramco, Chevron & others

Model 204

- 204 awarded 'preferred vendor' by Shell, Saudi Aramco and others
- Measures aromatic & aliphatic
- ASI Membrane Technology
- Liquid Validation by PermTube
- 4-20mA & RS-485 Modbus
- Fast response time
- Proven on-line reliability
- General purpose or explosion proof
- Lower detectable limit 1 ppb
- No routine calibrations required
- TCEQ 'Best Available Control Technology' & "Equivalency" Letters

Laboratory Analyzers

H2S in Liquids Laboratory Analyzer

Model 205L

- Analysis of crude oil, fuel oil, water, diesel, Naphtha & other liquids
- Quick analysis time
- Specific to H2S; no false positives ever
- No calibrations required
- Field-proven reliability & precision
- ASTM approved methods
- Benchtop and portable packaging
- Surpasses other methods with greater precision, faster analysis & no cross-interferences
- Direct read LCD
- PPB, PPM & percent level analysis • 205 awarded 'Preferred Vendor' by Saudi Aramco, Chevron & others
- Simple: one push button for analysis

Process Analyzers

H2S in Gas/LPG - Tape Method



Series 50, 100 & 200

- Specific to H2S only; no false positives ever
- ASTM reference methods
- Up to 3-month tape life
- Dual processors for 100% analysis & communication
- Fault diagnostics
- Explosion Proof (200) or General Purpose (100)
- Remote operation and access (optional)
- Field-proven long term operation
- Automatic calibration (optional)

Total Sulfur + H2S (2 in 1) in Gas/LPG



Series 800

- ASTM reference methods
- Up to 3-month tape life
- Dual processors for 100% analysis & communication
- Fault diagnostics
- Explosion Proof or General Purpose
- Remote operation and access
- Field-proven long term operation
- Automatic calibration
- Specific to sulfurs; no false positives ever

Total Sulfur in Gas/LPG



Series 700 & 600

- ASTM reference methods
- Up to 3-month tape life
- Dual processors for 100% analysis & communication
- Fault diagnostics
- Explosion Proof or General Purpose
- Remote operation and access
- Field-proven long term operation
- Automatic calibration
- Specific to sulfurs; no false positives ever

H2S in Gas/LPG



- Continuous on-line analysis
- Explosion proof packaging
- RS-485, TCP/IP Modbus & 4-20mA
- Low maintenance due to simplicity & no moving parts
- No tapes, solutions, optics, scrubbers
- Electrochemical sensor

CH4 in Gas



- Continuous on-line analysis
- Weather & corrosion proof
- Low maintenance due to simplicity & no moving parts
- Explosion proof packaging
- Infrared Sensor (NDIR) life over 5 years

O2 in Gas



- Real-time oxygen analysis in natural gas, biogas & more
- Cost-effective analyzer using optical quench luminescence
- Low maintenance and no moving parts, long sensor life
- Built for Division 2 & Zone 2 hazardous locations
- No cross-sensitivity with CO2, H2S, NH3, or SO2
- Replaces electrochemical, zirconia & paramagnetic analyzer

CO2 in Gas/LPG



- Continuous on-line analysis
- Weather & corrosion proof
- Low maintenance due to simplicity & no moving parts
- Explosion proof packaging
- RS-485, TCP/IP Modbus & 4-20mA
- Infrared Sensor (NDIR) life over 5 years

Portable & Lab Analyzers

H2S in Gas/LPG



Series 50 Portable

- Fully portable or benchtop
- Specific to H2S only; no false positives ever
- ASTM reference methods
- Dual processors for 100% analysis & communication
- Battery pack available
- Direct Read LCD
- 24-Bit A/D converter for faster response & lower detectable limits
- PPB & PPM level analysis