



50 Process

The KECO 50 Process Analyzer delivers accurate, continuous monitoring of hydrogen sulfide levels in various processes, ensuring optimal air quality and product performance. Its compact, lightweight design is perfect for installation in tight spaces and hazardous environments. With ASTM-approved tape technology, the analyzer provides precise H₂S measurements while minimizing maintenance.

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more about KECO
50 Process



Applications

- Landfills
- Biogas
- Oil Field Operations



Benefits

- No false positives
- ASTM-approved tape ensures high accuracy
- Low maintenance
- No field calibration needed
- Automatic self-zero
- Rugged, field-proven design

Operational Impact

- Reduces maintenance and downtime
- Improves safety with accurate H₂S detection
- Enhances process control and reliability
- Minimizes false positives and alarms
- Decreases operational costs
- Ensures stable, accurate long-term performance



Specifications

DISPLAY

- Alphanumeric LCD
- 128 x 64 pixel

TEMPERATURE RANGES

- 5°C to 50°C (operating)
- 0°C to 70°C (storage)

ANALOG

- Isolated 4-20mA

ANALYTICAL PERFORMANCE

- Resolution: 1 ppb
- Accuracy: $\pm 2\%$
- Repeatability: $\pm 1\%$
- Linearity: $\pm 1\%$
- Drift: Nil
- Temp. Coefficient: 0.01% / °C
- Response time: <2-3 min T90*

DETECTION RANGES

- 0-1 ppm
- 0-50 ppm
- 0-500 ppm
- Other ranges available (contact factory)

PACKAGING OPTIONS

- High-impact, industrial-grade fiberglass
- Built for Class 1 Division 2 areas
- Weather-resistant

WEIGHT

- Approx. 10 lbs; 4.5 kg

DIMENSIONS

- 10" X 12" X 6"

POWER OPTIONS ≥ 5 Watts

- 110VAC, 60 Hz
- 220VAC, 50 Hz
- 12VDC
- 24VDC

MAXIMUM PRESSURE

- 100 psig
- Greater with pressure regulator installed (optional)

AVAILABLE OPTIONS

- Internal Sample Pump (for atmospheric sampling or short sample lines)
- Data Logger for data download to PC
- Remote monitoring/control with PC

KECO provides design and application engineering assistance for the User's analyzer requirements. For a quotation, please complete Analyzer Quote Request Form at kecosystems.com/quote

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