



50 Portable

The KECO 50-Portable provides precise, real-time H₂S monitoring in a compact, battery-powered unit.

Featuring ASTM-approved tape detection, it ensures accurate results with minimal maintenance, making it ideal for diverse applications like air quality and process control.

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KECO 50 Portable



Applications

- Landfills
- Biogas
- Oil Field Operations



Benefits

- No false positives
- Automatic self-zero
- Fast response time
- Long calibration stability
- Low maintenance operation
- ASTM approved methods

Operational Impact

- High accuracy and wide range
- Continuous, real-time analysis
- Low cost of ownership
- Minimal maintenance and downtime
- Remote monitoring and control



Specifications

DISPLAY

- Alpha Numeric 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. Coeficient: 0.01% / °C
- Analysis Time: 0.75 Second

DETECTION RANGES

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

PACKAGING

- High-impact, industrial grade fiberglass
- Portable Packaging: Includes power switch, power receptacle, and banana jacks for 4-20mA loop
- Process Packaging: User must wire analyzer power & loop

BATTERY PACK

- Operate ~8 to 16 hours, fully charged (included with 50-PORTABLE. Not included with Process Packaging)

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

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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