



### **50 Portable**

The KECO 50-Portable provides precise, real-time H<sub>2</sub>S 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.

### **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



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KECO 50 Portable



## **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: ±2%
- Repeatability: ±1%
- Linearity: ±1%
- Drift: Nil
- Temp. Coefficient: 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 $\geq$ 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](https://kecosystems.com/quote)

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