



### **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 H<sub>2</sub>S measurements while minimizing maintenance.

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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 H<sub>2</sub>S 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 $\geq 5$ 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](https://kecosystems.com/quote)

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