

MODEL 1032

AIR QUALITY CONTROLLER

H_2S CO CL_2 SO_2
Combustible Gas & Oxygen Depletion



Model 1032 Panel Mount

- One Person Calibration
- Up to 32 Channels
- Microprocessor Based Design
- RS232/485 Serial Communication
- Programmable for Several Gases
- Non Intrusive Calibration
- Sensor Diagnostic Features
- Field Adjustable Alarm Levels
- 32 Kilobytes of Battery Backup
- Alarm LED Indicators

Description & Principle of Operation

The Model 1032, is a compact 32 channel analog or digital channel monitor. All 32 inputs can be used as analog and or digital channels. This provides capability of monitoring multi point toxic gas sensors and contact closure signals such as Flare Stack and smoke simultaneously. All sensor status and readings are displayed on a large LCD display. This monitor provides the first truly automatic calibration feature. The monitor automatically calibrates itself when the operator introduces a standard gas to the sensor. Five alarm relay contacts can be programmed individually for each channel by simply using the push button switches on the front panel. The push button switches can also be used to by pass the alarm relays and for diagnostic features. On board are 32 Kilobytes of battery backed memory and a real time clock to store the historical data and alarm conditions. The unit can store up to seven days of historical data and 200 alarm events. The historical data and the system configuration report can be printed easily on a printer or transmitted serially to a host computer.



Analytical Systems Int'l/KECO R&D

(281) 516-3950 * FAX (281) 351-8925 * www.ASIWebPage.com * CustomerService@ASIWebPage.com
Sales@ASIWebPage.com

Model 1032 Monitor Specifications

Enclosure:	Standard 19" Rackmount
Dimension:	19"W x 5.25H x 9"D
Weight:	14 lbs.
Classification:	NEMA 1 non-hazardous
Temperature Range:	-40°F to 150°F
Input Signal:	4-20mA or 1-5 VDC
Relay Ratings:	5 SPDT Alarm relay contacts 1 amp @ 125 VAC 2 amp @ 30 VDC
Range:	0-100% LEL Combustible Gas 0-100% ppm H₂S (Range varies for other sensors)
Display:	Large 4 lines by 40 character LCD with back light
Peripheral & Interface:	32Kbytes of battery backed memory. Data retention for up to 10 years. RS232/485 serial communication
Supply Voltage:	12-24 VDC, 12 VDC nominal 117 VAC (240 VAC option available)
Power Consumption:	<123 mA at 12 VDC
Warranty:	1 year on electronics & workmanship