
Biosystems ZoneGuard™ Fixed Point Gas Detection Systems



Shown with optional strobe light

Features

Design

- Microprocessor-based controller
- NEMA 4X fiberglass housing
- Large LCD display
- Integrally-mounted or remote sensors (up to 50')
- Remote sensor heads are available in explosion proof and non-explosion proof housing
- One button operation including one button auto calibration
- Extra RFI protection when using explosion proof remote sensor head

Alarms

- Bright alarm lights
- Built-in mini siren
- Programmable high and low alarms
- Double pole double throw (DPDT) relays for each alarm condition
- Optional integrally-mounted strobes
- Optional external alarms

Standard Accessories

- Calibration adapter with tubing
- Installation and operators guide

Note: conduit, wire and other components necessary to connect remotely located sensors with the instrument controller are not included.

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ZoneGuard System Configuration Matrix

Part Number	ZoneGuard Sensor		Integrally mounted sensor <i>Add Nothing to suffix</i>	Remote sensor in standard housing (0)	Remote sensor in explosion proof housing (1)
		Add To Part # ⇒			
54-16-90	O ₂	Oxygen	\$1,380.00	\$1,620.00	\$1,850.00
54-16-80	LEL	Combustible	N/A	N/A	\$1,850.00
54-16-01	CO	Carbon monoxide	\$1,500.00	\$1,730.00	\$1,960.00
54-16-02	H ₂ S	Hydrogen sulfide	\$1,500.00	\$1,730.00	\$1,960.00
54-16-03	SO ₂	Sulfur dioxide	\$1,620.00	\$1,850.00	\$2,080.00
54-16-08	Cl ₂	Chlorine	\$1,730.00	\$1,960.00	N/A
54-16-12	ClO ₂	Chlorine dioxide	\$1,730.00	\$1,960.00	N/A
54-16-13	PH ₃	Phosphine	\$1,730.00	\$1,960.00	\$2,190.00
54-16-09	NO ₂	Nitrogen dioxide	\$1,730.00	\$1,960.00	\$2,190.00

ZoneGuard Accessories

Part No.	Description	Price
54-17-A0101	Single integrally mounted external strobe for ZoneGuard (red)	\$204.00
54-17-A0103	Single integrally mounted external strobe for ZoneGuard (amber)	\$204.00
54-17-A0102	Dual integrally mounted external strobes for ZoneGuard (red and amber)	\$377.00
54-17-A0201	Remote programmable (volume adjustable) audible alarm	\$145.00
54-17-A0202	Remote high intensity audible alarm	\$260.00
54-17-A0301	Splash guard for sensors installed in explosion proof remote housings	\$64.00
54-17-A0302	Splash guard for sensors installed in standard housings	\$64.00
54-17-A0401	Wire, 22 gauge, 6 conductor, twisted pair, shielded with drain, used to connect Oxygen remote detectors with ZoneGuard controller, 50 feet	\$64.00
54-17-A0402	Wire, 22 gauge, 4 conductor, twisted pair, shielded with drain, used to connect toxic remote detectors with ZoneGuard controller, 50 feet	\$64.00
54-17-A0403	Wire, 18 gauge, 4 conductor, twisted pair, shielded with drain, used to connect combustible remote detectors with ZoneGuard controller, 50 feet	\$64.00
54-17-A0310	ZoneGuard airline adapter (10-200 psig) with Hanson fitting.	\$110.00
35-0136	Calibration adapter for ZoneGuard and Gas✓Chek (Oxygen / standard toxic sensors)	\$17.90
54-17-A0304	Calibration adapter for ZoneGuard and Gas✓Chek (LEL sensors)	\$24.20
10-302	Calibration adapter for ZoneGuard and Gas✓Chek (Reactive gas sensors - Cl ₂ , ClO ₂)	\$17.90

Replacement Sensors for ZoneGuard & Gas✓Chek

Part No.	Description		Price
54-15-801-S	LEL	Combustible	\$406.00
54-1631	O ₂	Oxygen	\$174.00
54-1632	H ₂ S	Hydrogen sulfide	\$291.00
54-1634	CO	Carbon monoxide	\$291.00
54-1635	Cl ₂	Chlorine	\$463.00
54-1636	SO ₂	Sulfur dioxide	\$463.00
54-1637	NO ₂	Nitrogen dioxide	\$463.00
54-1644	ClO ₂	Chlorine dioxide	\$463.00