

Continuous Ozone Monitors

Fixed or portable systems alert workers to hazardous ozone levels

- Easy-to-read, multicolor graphical display
- HMOS sensor for superior sensitivity

LED bar graph changes color as ozone levels increase: green indicates a safe level, yellow is caution level, and red is the danger level. Both models feature a heated metal oxide semiconductor (HMOS) sensor for excellent sensitivity and quick response time. Order optional calibrator to verify that your ozone monitors are conforming to their original calibration.

Fixed Ozone Monitor with Alarm has an audio alarm that is triggered at 0.1 ppm (danger level). Features include a connection for external equipment control. **Portable Ozone Monitor** can be permanently installed for on-site use or carried with you to detect leaks throughout your plant.

Specifications

Display: LED color bar graph	Power:
Output: 0 to 3 VDC	Model 86316-10: AC adapter (included)
Dimensions: 2 3/4"W x 3 1/4"H x 1 1/8"D	Model 86316-20: rechargeable eight hour NiMH battery and an AC adapter/recharger (included)

Catalog number	Description	Range	Price
YS-86316-10	Fixed ozone monitor with alarm	0.02 to 0.14 ppm (0.2 to 0.30 or more ppm with an external data readout)	
YS-86316-20	Portable ozone monitor	0.02 to 0.14 ppm	

YS-86316-61 Ozone calibrator (0.1 ppm).....



86316-10



Display 86316-20

Pocket Ozone Detector

Accurate, easy-to-read digital display

- Versatile meter can be used for fixed or portable monitoring
- Ideal for leak checks in generators, valves and piping

The heated metal oxide semiconductor has a range of 0.02 to 10 ppm; digital readout is in 0.01 ppm increments. Use as a permanent monitor indoors when the concentration average is below 0.1 ppm; use outdoors or at concentrations up to 10 ppm for short periods of time. Includes rechargeable batteries, charger, and carrying case.

Order optional calibrator to verify that your ozone monitor is conforming to the original calibration. Calibrator recalibrates detector at 0.1 ppm. It measures 2 1/4"W x 3 3/4"H x 1"D and includes a 9 V battery.

Specifications

Display: LCD	Power: rechargeable batteries with a charger (included)	Dimensions: 2"W x 4"H x 1"D
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Catalog number	Description	Range	Price
YS-86316-30	Ozone detector	0.02 to 10 ppm	

YS-86316-61 Ozone calibrator (0.1 ppm).....

YS-09376-04 Replacement battery, 9 V. Pack of four /pk



86316-30

Safety Instrumentation

Ozone Relay Switch

Monitors ozone levels to control ozone generators and alarm relays

- User adjustable setpoint—select appropriate ozone level to meet your needs
- Ideal for use as leakage alarm in water treatment plants, food storage and processing, semiconductor manufacturing, and sterilization areas

Switch is housed in rugged, ABS plastic case that is easily mounted to any wall or inside air ducts. HMOS sensor detects the presence of ozone in 0.03 to 1 ppm range. Simply configure alarm set point to desired level—switch has red visible indicator and activates relay when level is exceeded. Switch operates on 12 to 24 VDC power supply and features SPDT nonlatching relay output.

Specifications

Display: green/red indicator light	Power: 12 to 24 VDC power supply
Relay: SPDT, rated for 250 VAC, 5 A	Dimensions: 3 1/2"W x 3"H x 1 3/4"D

Catalog number	Description	Range	Price
YS-86487-00	Ozone relay switch	0.03 to 1 ppm	

YS-86316-61 Ozone calibrator (0.1 ppm).....



LED provides visual indication when ozone level is exceeded.

86487-00