

TOXIC GAS LEAK DETECTORS

SERIES U

FEATURES

- LOW COST
- AUDIO/VISUAL ALARMS
- ALARM CONTACT RELAYS
- RAPID RESPONSE
- HIGHLY SPECIFIC
- EXPLOSION PROOF SENSORS
- EASY TO USE/MAINTAIN
- RELIABLE



SERIES U gas detectors utilize unique, patented sensors that are unaffected by moisture, temperature change, or poisons. Dedicated units are available for Hydrogen Sulfide, Sulfur Dioxide, Carbon Monoxide, Ammonia, Diesel/Gasoline Vapors, Total Hydrocarbons, Hydrogen, Combustibles (as Methane), Freons, or Ethylene Oxide and Alcohols. **SERIES U** sensors are solid state, diffusion type with no pump or sample lines to maintain.

Electrical classification of remote sensors is explosion proof under Class 1, Division 1, Groups B, C, and D hazardous atmospheric areas. Standard features include meter readout of 0-50 PPM, 0-100 PPM, 0-250 PPM, 0-500 PPM, 0-1000 PPM, 0-5000 PPM, 0-10000 PPM or % LEL (EtO units are available for 0-10 PPM). All **SERIES U** are equipped with adjustable audio/visual alarms and are available in portable, single wall-mounted, and multi-channel configurations.



CEA Instruments, Inc.

"EXPERTS IN TOXIC GAS DETECTION"

SERIES U SPECIFICATIONS

SINGLE WALL MOUNT

Dimensions:	5.0" W x 8.0" H x 4.0" D
Temperature Range:	5° F to 165° F (-15° C to 75° C)
AC Power Input:	115 or 220VAC, 50/60 Hz
Power Consumption:	3.5 watt maximum
Alarms:	Alarm light (red), Fail light (yellow), Audio sound alarm (steady tone)
Alarm point:	Variable setting
Protection Fuse:	0.5A
Panel Controls:	Zero, Span, Alarm setting, Test and Alarm Check Switches
Relay Control:	NO, NC, COM: SPDT 1A at 115VAC
Weight:	5 lbs. (sensor on controller type) or 12 lbs. (remote sensor type)

MULTI-POINT WALL MOUNT

Dimensions:	4 Channel - 16.0" W x 16.0" H x 7.0" D 8 Channel - 20.0" W x 16.0" H x 7.0" D
Temperature Range:	5° F to 130° F (-15° C to 55° C)
Power Consumption:	3.5 watts maximum per channel
Alarm point:	Variable setting
AC Power Input:	115 or 220 VAC, 50/60 Hz
Alarm Circuit:	Fail, Alarms
Audio Alarm Outputs:	95 dB at 20 cm.
LED Indicators:	Power (green), Fail (orange), Alarms (red)
Panel Controls:	Zero Setpoint, Span Setpoint, Alarm Setpoint, Alarm Check, Reset and Circuit Test Switches
Panel Box:	NEMA type 4 enclosure - Listed for indoor & outdoor, oil & water tight
Relay Control:	NO, NC, COM: SPDT 7A-115VAC
Weight:	4 Channel Controller: 20 lbs. 8 Channel Controller: 40 lbs. Each Remote Sensor: 5 lbs.
FEATURES:	Continuous 24 hour monitoring with explosion-proof sensor housing Malfunction LED and test/checking switches Remote sensors reliable to 1000 feet from controller Optional recorder outputs of 0-1 VDC or 4-20 mA

PORTABLE

Dimensions:	4.5" W x 7.5" H x 3.0" D
Operating Temperature:	-10° F to 150° F (-20° C to 65° C)
Power:	3.6V Ni-Cad battery
Power Usage:	2.0 Watt maximum
Operating Hours:	12 hours (minimum) continuous
Battery Signal:	Yellow LED indicates low battery
Weight:	2 lbs.
FEATURES:	Audio and visual alarms with built-in battery charger Digital display and Analog display versions available High poison resistance to sulfur, lead, silicon & halogenated compounds Rugged, compact, lightweight (less than 2 lbs.) with leather carrying case

(Specifications subject to change without notice.)



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