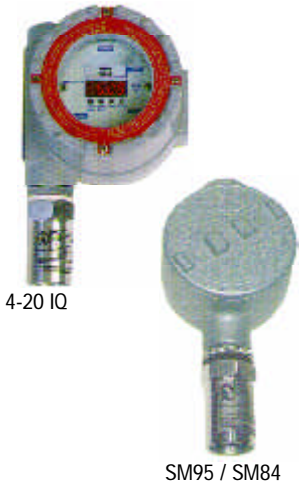


SENSOR TRANSMITTERS MODELS 4-20 IQ & SM95 / SM84

For the detection of over 150 toxic & combustible gases
For area quality and safety applications



4-20 IQ

SM95 / SM84

INTELLIGENT TRANSMITTER Model 4-20 IQ

- 14-24 VDC operation
- 4-20 mA linear output
- Explosion-proof housing
- Digital display of gas concentration
- Non-intrusive, automated calibration
- Magnetic wand operation

STANDARD TRANSMITTER Model SM95/SM84

- 14-24 VDC operation
- 4-20 mA linear output
- Explosion-proof housing
- SM95-linear output for all sensor types
- SM84-provides non-linear output for solid state sensor

EXPLOSION PROOF - MODEL MP220EX

The MP220EX is a two-channel, explosion proof, wall mounted, control unit rated for use in Class 1, Div. 1, Groups C, & D (B optional) hazardous areas. Operation via magnetic wand allows the unit to be operated without opening the cover, thereby ensuring that hazardous areas do not require declassification.

100 GAS PORTABLE MODEL IQ-1000



IQ-1000

Model IQ-1000 is the most unique versatile portable gas detector on the market today. Using Mega-Gas sensor, this remarkable unit can detect OVER 100 toxic and combustible gases. Three alarm setpoints are provided for each gas, and audible as well as visual indicators alert you if any of these alarm limits have been exceeded. A "Gas Search" feature allows you to scan an area for any of these hazardous gases.

Besides the Mega-Gas sensor, the IQ-1000 also accepts electrochemical, catalytic bead, and solid state sensors. A total of four sensors of varying types can be used, giving the IQ-1000 the flexibility to meet a wide range of applications. A large, 8 line, 40 character per line display allows you to simultaneously view the readings of all 4 sensors.

The standard unit includes a built-in sample pump, sample wand, and carrying case. Calibration is simple and automated, and optional datalogging enables storage of months of data. An RS-232 port provides interface to a computer or printer. Power is provided by six 'D' size alkaline (approximately 14 service hour) or nickel cadmium batteries (approximately 10 service hours).

SINGLE GAS PORTABLE MODEL IQ-250



IQ-250

Model IQ-250 is a single gas portable instrument which can be equipped with either a solid state, catalytic bead, or electrochemical sensor. Any one of over 150 toxic and combustible gases can be chosen. A digital display indicates the gas concentration, and an alarm buzzer and alarm LED's alert you to the presence of hazardous levels. User adjustable setpoints are provided for low, mid, and high alarm levels. The unit will operate 14 hours on 4 'AA' size alkaline batteries.

SINGLE GAS PORTABLE WITH SAMPLE PUMP MODEL IQ-350



IQ-350

Model IQ-350 is a single gas, portable instrument which provides all of the features of the IQ-250 and in addition comes standard with a built-in sampling pump. Like the IQ-250, it can be equipped with either a solid state, catalytic bead, or electrochemical sensor and can be configured to detect any one of over 150 toxic and combustible gases. The unit operates 20 hours on 4 'C' size alkaline batteries.

4 GAS, CONFINED SPACE ENTRY PORTABLE MODEL IQ-200



IQ-200

Model IQ-200 requires just two sensors for confined space entry applications, a single solid state sensor for CO, H₂S, and combustible gases, and an electrochemical sensor for oxygen. This allows the IQ-200 to be priced much more economically than comparable confined space entry portables. Additionally, both the solid state and oxygen sensors used in the IQ-200 are long-life sensors. Typical life expectancy is 5 years for the O₂ sensor and over 10 years for the solid state sensor. This results in a tremendous savings in long term operating costs associated with sensor replacement.

The IQ-200 has an audible alarm buzzer, and alarm LED's indicated low, mid, and high alarm levels for the solid state sensor and low and high alarms for the O₂ sensor

The IQ-200 is small and lightweight, weighing just 22 ounces, including batteries. The unit includes a carrying case and operates approximately 14 hours on 4 size 'AA' alkaline batteries.