

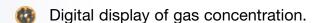
MODELS IQ-250 & IQ-350

SINGLE GAS PORTABLES

FOR THE DETECTION OF OVER 150
TOXIC & COMBUSTIBLE GASES







- Bullet Low, mid, & high alarm LEDs with alarm buzzer.
- Built-in sample pump on IQ-350.
- Can be used with Solid State, Electrochemical, or Catalytic Bead sensors.
- Sensors available for over 150 different toxic & combustible gases.
- Carrying case easily removed for decontamination.







MODEL IQ-250

The Model IQ-250 is a single gas, portable instrument which can be equipped with either a solid state or catalytic bead sensor. Any one of over 150 toxic and combustible gases can be chosen for detection. The sensor is attached via a coiled cord which allows readings to be taken up to 24" from the unit.

An alarm buzzer and alarm LEDs alert you to the presence of hazardous levels, and a digital display indicates the gas concentration. User adjustable setpoints are provided for low, mid, and high alarm

The IQ-250 is compact, weighing just 22 ounces including the batteries. It will operate approximately 14 hours on 4 'AA' size alkaline batteries.

MODEL IQ-350

The Model IQ-350 is a single gas, portable instrument which provides all of the features of the IQ-250 and in addition, it comes equipped with an internal sampling pump and wand assembly.

It can be equipped with 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 approximately 20 hours on 4 'C' size alkaline batteries.

IST GAS LIST

The following gases are available for detection using IST sensors. Please contact IST for additional information.

Acetic Acid Acetone Acetonitrile Acetylene Acrolein (Acrylaldehyde) Acrylic Acid Allyl Alcohol Allyl Chloride Ammonia Anisole Arsenic Pentafluoride Arsine Benzene Biphenyl Boron Trichloride Boron Trifluoride Bromine Butadiene Butane Butanol Butene **Butyl Acetate** Carbon Disulfide Carbon Monoxide Carbon Tetrachloride Cellosolve Acetate Chlorine Chlorine Dioxide

Chlorobutadiene

Chloroethanol

Chloroform Chlorotrifluoroethylene Cumene Cyanogen Chloride Cyclohexane Cyclopentane Deuterium Diborane Dibromoethane Dibutylamine Dichlorobutene Dichloroethane (EDC) Dichlorofluoroethane Dichloropentadiene Dichlorosilane Diesel Fuel Diethyl Benzene Diethyl Sulfide Difluorochloroethane Difluoroethane (152A) Dimethyl Ether Dimethylamine (DMA) Epichlorohydrin Ethane Ethanol Ethyl Acetate Ethyl Benzene Ethyl Chloride Ethyl Chlorocarbonate Ethyl Ether

Ethylene Ethylene Oxide Fluorine Formaldehyde Freon-11 Freon-12 Freon-22 Freon-113 Freon-114 Freon-123 Fuel Oil or Kerosene Gasoline Germane Heptane . Hexane Hexene Hydrazine Hydrogen Hydrogen Bromide Hydrogen Chloride Hydrogen Cyanide Hydrogen Fluoride Hydrogen Sulfide Isobutane Isobutylene Isopentane Isoprene Isopropanol .IP4 JP5

Methane Methanol Methyl Acetate Methyl Acrylate Methyl Bromid Methyl Butanol Methyl Cellosolve Methyl Chloride Methyl Ethyl Ketone Methyl Hydrazine Methyl Isobutyl Ketone Methyl Mercaptan Methyl Methacrylate Methyl-Tert Butyl Ether Methylene Chloride Mineral Spirits Monochlorobenzene Monoethylamine Morpholine Naptha Natural Gas Nitric Oxide Nitrogen Dioxide Nitrogen Trifluoride Nonane Oxygen Ozone Pentane Perchloroethylene Phenol

Phosaene Phosphine Phosphorus Oxychloride Picoline Propane Propylene Propylene Oxide Silane Silicon Tetrachloride Silicon Tetrafluoride Stvrene Sulfur Dioxide Tetrahvdrofuran Tetraline Toluene Toluene Diisocyanate Trichloroethane Trichloroethylene Triethylamine (TEA) Trifluoroethanol Trimethylamine (TMA) Tungsten Hexafluoride Turpentine Vinyl Acetate Vinyl Chloride Vinylidene Chloride

Xylene

IQ-250/IQ-350 SPECIFICATIONS

IQ-250: 4 'AA' alkaline or nicad batteries. Power: IQ-350: 4 'C' alkaline or nicad batteries. IQ-250: 14 hours-alkaline; 8 hours-nicad. Operating IQ-350: 20 hours-alkaline; 12 hours-nicad. Time:

Sensor Types: IQ-250: Solid State or Catalytic Bead. IQ-350: Solid State, Catalytic Bead, or

Electrochemical.

Indicators: Low, Mid, High Alarm LEDs; Active LED;

Low Battery LED; Pump LED (IQ-350 only).

Display: 3 digit LED display. Controls: Power-On/Off

Acknowledge alarm button. Pump-On/Off (IQ-350 only).

3 alarm setpoints with LED indicators. Alarms:

(Low, Mid, and High Alarm) and audible tone.

Sampling IQ-250: Diffusion.

Method: IQ-350: Built-in sample pump.

Low Battery: Continuous audible tone plus LED indication. Fault: Continuous audible tone and "Active" LED turns off.

Temp: -20°C to +50°C operating. -20°C to +60°C storage.

0 to 99% RH, non-condensing continuous. **Humidity:**

Case: Aluminum

Size: IQ-250: 6.25"L x 3.0"W x 2.19"H.

(158.7 x 76.2 55.6 mm).

7.13"L x 3.38"W x 4.0"H. IQ-350:

(181.1 x 85.9 x 101.6 mm).

Approximate IQ-250: 22 oz. (including batteries). IQ-350: 40 oz. (including batteries).