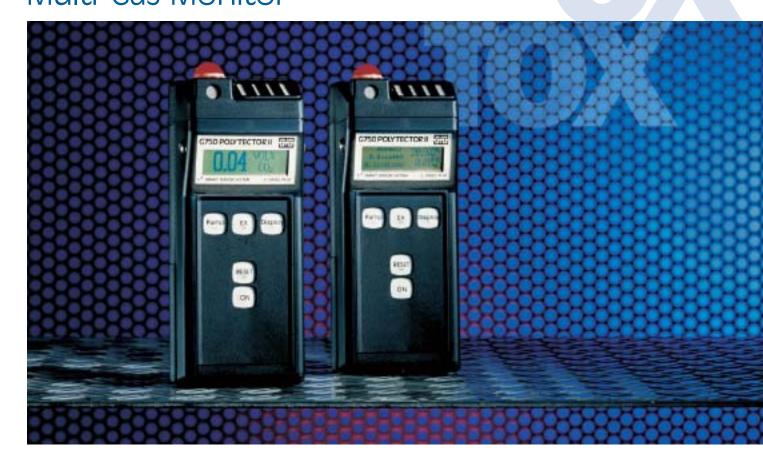
G750 Polytector Multi-Gas Monitor



Multi-Gas Monitor (1 – 6 Detection Ranges including IR CO₂)

AutoCal® Automatic Calibration

Powerful Data-Logging

Smart Sensor Technology

User Selectable Pump and/or Diffusion Sampling

Lifetime Warranty



The Complete Portable Gas Monitor

The G750 is a versatile multi-gas monitor that offers up to 6 gas detection ranges. Available sensor combinations may include the detection of O_2 , CO, H_2S , SO_2 , NO_2 , CL_2 , HCN, NO, combustibles (% Volume, %LEL) and CO_2 . User selectable choice of diffusion or internal pump sampling methods make this unit unequaled in the market.

Configured for Your Application

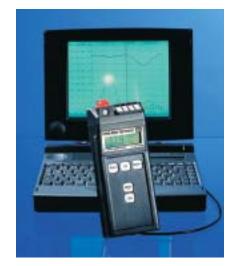
The sensors in the G750 may be configured to best match your industry's needs. The S3 (Smart Sensor System) allows flexibility for user to interchange sensors in the field. To alert the user to increasing hazards, the unit has up to three user adjustable alarm points.

Powerful Data-Logging

The G750 data-logging option provides storage capacity of more than 30 days of continuous operation. Downloading is easily done through the PC serial port that includes user name, location and a detailed report of exposure levels and alarms. The user name and location can be edited with ease for your needs.

Maintenance and Security

Maintenance will never be missed with a user determined Inspection Overdue alarm. Fresh air auto zeroing and AutoCal calibration make routine maintenance effortless with no potentiometers to adjust. To prevent unauthorized changes to alarm values, a code must be used to enter advanced maintenance menus for adjustment.



G750 Polytector

Gases

EX Combustible gases LEL Combustible gases % voume

OX Oxygen (0₂) % volume TOX Carbon Monoxide (CO) Hydrogen Sulfide (H₂S) Sulfur Dioxide (SO₂)

IR Carbon Dioxide (CO₂)

Ranges

EX CH₄ 0 to 100% LEL

CH₄ 0 to 100% volume

OX O₂ 0 to 25% volume

TOX Cl₂ 0 to 10 ppm

CO 0 to 1000 ppm

CO 0 to 500 ppm

HCN 0 to 100 ppm

H₂S 0 to 100 ppm

H₂S 0 to 50 ppm

NO 0 to 100 ppm

NO₂ 0 to 50 ppm

SO₂ 0 to 20 ppm

CO₂ 0 to 70% volume

CO₂ 0 to 25% volume

 CO_2 0 to 5% volume CO_2 0 to 10,000 ppm

Detection Principles (sensors)

EX Catalytic combusion Thermal conductivity

OX Electochemical

TOX Electrochemical

IR Infra-red dual beam

Detection Method

Built-in sampling pump and diffusion

Expected Sensor Life

EX >3 years

OX 2 years

TOX >3 years

Weight

26 oz (750 g)

Dimensions

3.5 x 8 x 2.5 inches (WxHxD) 90 x 199 x 60 mm (WxHxD)

Display

Graphic alpha-numeric display

Alarms

Visual – large red LED Audible – buzzer, 80 dB

Operational Time

7 to 14 hours (depending on sensors, alarms and sampling time)

Power Source

Rechargeable NiMH battery pack

Temperature Range

+14 to +122° F (-10 to +50° C)

Humidity Range

0 (20) to 98% r.h. (non-condensing)

Pressure Range

800 to 1300 mbar

Casing

Carbon fiber reinforced polyamide

Approvals

CENELEC EEX ibd IIC T5 UL Class I, Div. 1 A, B, C, D

Options

Data-logger

Specifications subject to change without notification

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