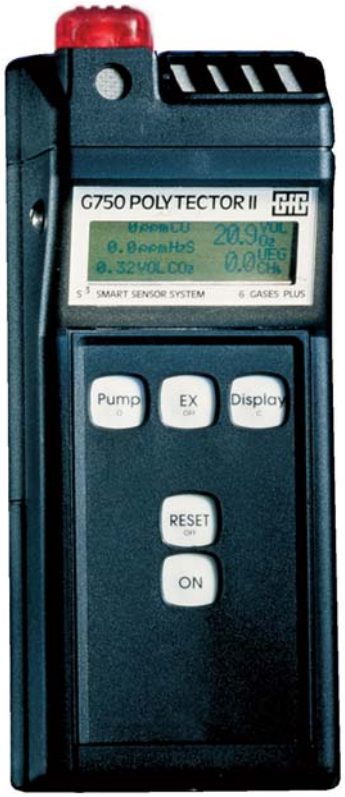
G750

Multi-gas Monitor Including Carbon Dioxide (CO_2)



- Multi-gas monitor (1-to-6 detection ranges including IR)
- Powerful datalogging
- Smart sensor technology
- Built-in pump allows user-selection of sample-draw or diffusion sampling

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 0_2, CO, H_2S, SO_2, NO_2, CL_2, HCN, NO, combustibles (% volume, % LEL) and CO_2. The user can select diffusion or internal pump sampling, make this unit unequaled in the market.

Configured for your application

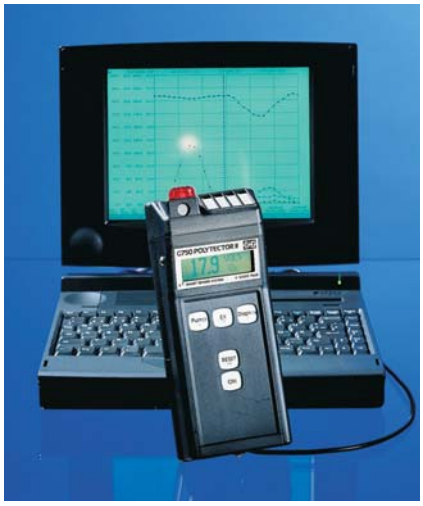
The sensors in the G750 may be configured to best match your industry's needs. The S3 (smart sensor system) allows flexibility for the user to interchange sensors in the field. To alert the user to increasing hazards, the unit has up to three user adjustable alarm points.

Powerful datalogging

The G750 datalogging option provides storage capacity for 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 to make adjustments.



Technical Data

G750

Gases
Carbon dioxide (IR) (CO_2)
Carbon monoxide (CO)
Chlorine (Cl_2)
Combustible gases (CH_4)
Hydrogen cyanide (HCN)
Hydrogen sulfide (H_2S)
Nitrogen dioxide (NO_2)
Nitrogen monoxide (NO)
Oxygen (0_2)
Sulfur dioxide (SO_2)

Detection range

CH_4	0-100% LEL or 0-100% volume
Cl_2	0-10 ppm
CO	0-500 or 1,000 ppm
CO_2	0-5%, 25%, 70% volume or 0-10,000 ppm
H_2S	0-50 or 100 ppm
HCN	0-100 ppm
NO	0-100 ppm
NO_2	0-50 ppm
O_2	0-25% volume
SO_2	0-20 ppm

Detection principles (sensors)

CH_4	Catalytic combustion or thermal conductivity
0_2 and toxics	Electochemical
IR	Infra-red dual beam

Detection method
Built-in sampling pump and diffusion

Expected sensor life

CH_4	Greater than 3 years
O_2	2 years
IR, toxics	Greater than 3 years

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 1,300 mbar

Casing
Carbon fiber reinforced polyamide

Weight
26 ounces (750 grams)

Dimensions
8x3.5x2.5 inches (199x90x60 mm) (HxWxD)

Ratings and certifications (intrinsic safety)
CENELEC EEX ibd IIC T5
UL Class I, Div. 1 A, B, C, D

Options
Datalogging kit

Specifications subject to change without notification

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