



TECHNOVATION Analytical Instruments Pvt.Ltd

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Certified ISO 9001 : 2000 by



CERT. NO. 217910

SERIES 98 μ P BASED PORTABLE GAS MONITOR AND DATA LOGGER THE INSTRUMENT

LOW COST GAS MONITOR AND DATA LOGGER

The monitor is compact and versatile with a built in data logger capable of storing 250 readings along with its reading I.D. No, date and time of each reading.

The 20 x 4 Alphanumeric wide angle viewable LCD offers good readability for date, time and level of measured gas and serves to navigate through the different menus accessible via the three keys for simple easy and user friendly operation.

Series 98 offers a facility for interfacing to an IBM compatible computer for down loading of stored data via a RS 232 port. It also has a "Printer port" as standard to connect to any external (Dotmatrix) printer, thus economizing cost.

Gas education can either be done by an internal pump under μ P control or through manual operation.

SERIES 98 are fitted with highly reliable & reputed electrochemical sensors.



TECHNOVATION® SERIES 98

STANDARD SPECIFICATIONS

Gases & Range : Up to any four Gases in any combination from table below.

Display : 20 x 4 Alphanumeric LCD

Size : 26 x 14 x 11 cm

Weight : 1.8 kg. approx

Power : 12 V rechargeable battery

Case : Robust ABS Antistatic Case

Low Batt : Low Batt alarm LED provided

Operating Temp. : By calibration gas or factory set

Calibration : 0 - 50°C.

Alarms : Two alarms audible & visual

Data storage : 1 set of each type of readings

Data output : Printer (Dotmatrix) and RS-232 serial port.

Sampling : Auto by in-built pump as per type of data selection

Pump Flow : 1 Liter/Minute

Pump Suction : 6 " Hg Column

ACCESSORIES

Carrying Case, Battery Charger

FEATURES

- Offered in configurations of up to four gases
- Data Logging of 250 sample readings. Stored readings can be Viewed, Printed or Downloaded to a Computer in the following formats 1) All 2) Range (from Reading — I.D No, to Reading — I.D No. 3) Range (from — Date to — Date) for long term storage. Real time, Date & Time maintained
- Two Alarms Audible and Visual can be programmed to activate above OR below the set point
- Electrochemical Sensors of repute & reliable.
- μ P based , fully menu driven, user friendly.
- Display of readings in ppM or gm/m³

APPLICATIONS

Used in emission monitoring & monitoring in the workplace atmosphere where pollutants or toxic gases are encountered as per statutory requirements.

GAS	RANGE	RESOLUTION	GAS	RANGE	RESOLUTION
Carbon Monoxide	0-2000	1 ppm	Hydrogen Sulphide	0-100 ppm	0.1 ppm
Sulphur Dioxide	0-20 ppm	0.1 ppm	Ammonia	0-100 ppm	1 ppm
Nitrogen Dioxide	0-50 ppm	0.1 ppm	Hydrogen Cyanide	0-30 ppm	0.1 ppm
Chlorine	0-50 ppm	0.1 ppm	Ozone	0-1	0.01 ppm
OTHER GASES & RANGES ON REQUEST					