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TECHNOVATION ANALYTICAL INSTRUMENTS PVT. LTD.

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ISO 9001:2015



Cert. No. QMS0720020347

SR 89N PORTABLE / FIXED POINT TOXIC GAS ANALYSER

THE INSTRUMENT

TECHNOVATION TOXIC GAS ANALYSER **SR 89N** accurately measures the concentration of a single gas in PPM or %. These analysers may be used as a desk-top portable model or panel-mountable. These toxic gas analysers could use Electrochemical, NDIR, Pellistor or Thermal Conductivity sensors which have an enviable reputation for reliability, stability and rugged design having an electrical output linearly proportional to concentration level of the gas. Certain samples monitoring can be done continuously. Process gas may be monitored only under certain conditions and levels.

FEATURES

- 4soft touch Key easy operation for all settings.
- Power 220 VAC OR Rechargeable battery option.
- Recorder output of 0-1 V & 4 to 20 mA for On-line models.
- Portable models offered with Inbuilt Pump & Flow Indicator option to draw sample gas
- Panel mounted ABS Enclosure OR portable with carrying case and rechargeable battery and battery voltage view
- One alarm audible & visual with set point view. Alarm relay with NO,C,NC for on-line models.. User settable for threshold, Activation point , Delay, Hysteresis, Latching/ auto-reset
- Confidence flash provided
- Low cost and robust.

APPLICATIONS

Used in Process Industry, Laboratories, Field data collection, Safety. Food processing.

STANDARD SPECIFICATIONS

Typical Gases , Ranges , Resolution and Sensor principle as per non-comprehensive table below. Please consult us for your specific needs and intended applications.

Gas	Range	Resolution	Sensor Principle type
Oxygen	0-25 / 0-100 %	0.1%	Electrochemical
Carbon Monoxide	0-200/0-2000 ppm	1 ppm	Electrochemical
Hydrogen Sulphide	0-20, 0-200 ppm	0.1 ppm	Electrochemical
Combustible gases	0-100% LEL	1 % LEL	Pellistor
Carbon Dioxide	0-5, 0-20 , 0-100%	0.01, 0.1, 0.1%	Non Dispersive Infra Red
Freon R134A	0-2000ppM	1 ppm	Non Dispersive Infra Red
HCl, HCN, CL ₂ , NO, NO ₂ , SO ₂ , and many more gases			

USE THIS ROBUST DURABLE & ECONOMICAL INSTRUMENT TO MAKE GAS MEASUREMENTS SIMPLE



TECHNOVATION® SR 89N

SPECIFICATIONS

Power	: 220VAC 50Hz online/battery charge
Display	: 3 ½ Digit LCD display
Calibration	: Use of certified calibration
Alarms	: One visual alarm,
Alarm Relay	: One NO,C,NC contact of 50VA
Work-Temp	: 0 to 45°C
MOC	: ABS
Size & Wt	: 195x98x155 mm & 1.5 Kg
Recorder O/P	: 0 -1 V .
Sensor Life	: Depends on sensor (Consult us)

OPTIONAL EXTRAS

Internal Pump	: 8" Suction. 2 LPM flow
Flow indicator	: 0-3 LPM
Output	: 4-20mA . Max 500 Ohms
Battery	: Rechargeable 12V 1.3AH

ACCESSORIES

Carrying Case (with portable option), Mains cord, Calibration Screwdriver, Instruction Manual, Panel Mounting Clamps, Silicone rubber tube as applicable