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ISO 9001:2015



Cert. No. QMS0720020347

SR 2022 PORTABLE MULTIPLE TOXIC GAS ANALYSER

THE INSTRUMENT

TECHNOVATION PORTABLE MULTIPLE TOXIC GAS ANALYSER **SR 2022** accurately measures the concentration of multiple toxic gases in PPM or %. They have a 3.5" TFT colored touch screen interface. Has an inbuilt pump and Li-ion battery and an USB port for battery charging and down loading data. These toxic gas analysers could use Electrochemical, NDIR, Pellistor, PID or Thermal Conductivity sensors.

FEATURES

- 3.5" TFT Colored LCD with Touch Screen
- Powered by rechargeable 3.7V Li-ion battery with "C" type USB socket .
- USB Battery charger provided
- Date and Time RTC provided.
- Diffusion sampling mode, optionally with Inbuilt Pump to draw sample.
- Two alarm audible & visual with vibratory hepatic mode.
- Data storage with date and time and download to computer via USB.
- Continuous, Instantaneous, STEL & TWA data sampling modes choice.
- Confidence flash provided.
- Automatic boost and trickle charge power management.
- Auto shut off.

APPLICATIONS

For Personnel Safety in enclosed spaces and in industry. Conditionally for Process gases.

STANDARD SPECIFICATIONS

Display	: 3.7" Multicolored Resistive Touch screen
LED Indicators	: Charge, AL1, AL2, CF, Pump On, Rx, Tx & Fault.
Calibration	: Use of certified calibration
Power	: Re-chargeable Li-ion 3.7V 2.6AH
Work-Temp	: 0 to 45°C

MADE IN INDIA



VALUE FOR MONEY

VERSATILE DURABLE AND RUGGED



TECHNOVATION[®] SR 2022

STANDARD SPECIFICATIONS CONTINUED

Alarms	: Two programmable Audible and Visual alarms with Alarm Vibrator provided.
Data storage	: 1MB
MOC	: Light weight ABS plastic enclosure
Size & Wt	: 230x130x45 mm & 0.5 Kg
O/P Connector	: USB type " C " jack for charging and data

Sensor Life: Depends on sensor

OPTIONAL EXTRAS

Internal Pump : 8" Suction. 2 LPM flow

ACCESSORIES PROVIDED

Carrying Case , USB charger, Instruction Manual, Silicone rubber tube.

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 V/V	RESOLUTION	GAS	RANGE V/V	RESOLUTION
O ₂	0 - 25 %	0.1%	SO ₂	0 - 20 ppm	0.1ppm
CO	0 -1000 ppm	1ppm	CL ₂	0 - 50 ppm	0.1ppm
H ₂ S	0 -100 ppm	0.1ppm	VOC	0-1000 ppm	1 ppm
H ₂	0 -1999 ppm	1 ppm	HCN	0 - 30 ppm	1ppm
NO ₂	0 - 100 OR 1000 ppm	1ppm	CO ₂	0 - 5, 0 - 20, 0 - 100%	0.01, 0.1%
O ₃	0 - 1 ppm	0.01 ppm	FLAMMABLE GASES 0 - 100 % OR LEL 1% STEPS		
CH ₄	0-5, 0-100 % & 0-100% LEL	0.01,0.1 % & 1% LEL	OTHER GASES & RANGES ON REQUEST		

We reserve the right to alter these specifications at any time in accordance with our policy of continuous improvement. DREF: SR 2022 NC Rev0