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TECHNOVATION ANALYTICAL INSTRUMENTS PVT. LTD.

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CERTIFIED ISO 9001:2015



CERTIFICATE NO
SCC/2307TN/1266

SR 2023 PORTABLE TOUCHSCREEN MULTI- GAS ANALYSER

THE INSTRUMENT

TECHNOVATION PORTABLE MULTIPLE TOXIC GAS ANALYSER **SR 2023** accurately measures the concentration of multiple toxic gases in PPM or %. They have a 3.5" 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.

- 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.
- Portable models offered with Inbuilt Pump to draw sample gas as option.
- 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 optional.
- Confidence flash provided.
- Automatic boost and trickle charge power management.
- Auto shut off.

APPLICATIONS

Used for personnel safety in enclosed spaces and industry.

STANDARD SPECIFICATIONS

- Display : 3.5" TFT Multicolored Touch screen
- LED Indicators : Charge, AL1, AL2, CF, Pump On, Rx, Tx & Fault
- Calibration : Use of certified calibration
- Work-Temp : 0 to 45°C
- MOC : Light weight ABS plastic enclosure

MADE IN INDIA



VALUE FOR MONEY

VERSATILE DURABLE AND RUGGED



TECHNOVATION® SR 2023

STANDARD SPECIFICATIONS CONTINUED

- Power : Re-chargeable Li-ion
- Alarms : Two programmable Audible and Visual alarms with Alarm Vibrator provided.
- Data storage : 1MB
- Size & Wt : 230x130x45mm & 0.5 Kg
- Output : USB type "C" jack for charging and data
- Sensor Life : Depends on sensor (Consult us)
- Internal Pump : 4" Suction. 1 LPM flow
- Battery : Battery charge time 4 hours.

OPTIONAL EXTRAS

- Storage of Data : Can be provided.

ACCESSORIES

- 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	H ₂ CN	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		