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# TECHNOVATION ANALYTICAL INSTRUMENTS PVT. LTD.

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ISO 9001:2015



Cert. No. QMS0720020347

## SR-2013 PORTABLE NDIR GAS ANALYSER

### THE INSTRUMENT

The TECHNOVATION. SR-2013 NDIR ANALYSER is a SINGLE GAS portable, easy-to-use, compact, durable, GAS ANALYSER with choices of RANGES and GASES as indicated in table below. Sensor is in diffusion mode. Two settable alarms both visual & audible are provided. The instrument optionally has a neck-strap or belt-clip hanger for hands-free operation. Two alarms both visual & audible are provided.

### FEATURES

- Long life NDIR detectors
- Rechargeable battery as standard power option
- Light weight, compact, durable and rugged.
- Two alarms and low battery alarm
- Digital readout of % of gas
- Easy to use and simple in operation

### APPLICATIONS

These analysers are used for process parameter gas concentration measurement, safety purposes before starting any hot work in a work area, also before man entry into an enclosed space or any area likely to have undesirable gases. They may also be used for leak detection

### STANDARD SPECIFICATIONS

Detection Principle : Non - Dispersive Infra Red. ( NDIR ) .

Ranges & Resolution : As per table below

Display : 3 1/2 digits 12 mm high.

Accuracy : ± 5% of full scale readings.

Sensor Response : 15 secs (T 90)

Operating Temp : 5°C to 45°C

Power : 7.2 volts Ni/Cd battery-pack

Low-Batt Indication : Automatic, both visual & audible

Sampling : By diffusion or hand aspiration

Inst. Housing : ABS antistatic, with belt clip.

Size : 13 H x 7 W x 4.5 cm approx

Environment : Safe areas only

## TINY NON- DISPERSIVE INFRARED GAS ANALYSER



## TECHNOVATION® SR 2013

### STANDARD SPECIFICATIONS CONTINUED

Battery Charging : Recharged on 220 V AC by using the external battery- charger.

### Alarms

1st & 2nd Alarm : Visual and audible, Intermittent Settable throughout the scale

Weight : 0.5 Kgs approx.

Calibration : Certified Calibration-Gas.

### ACCESSORIES

Carrying Case, Hand Aspirator Bulb, Battery Charger, Flow Thru Cap, 1 m Rubber Tube. Screwdriver. Instruction manual on CD

### OPTIONS (specify while ordering)

Reading display : In % V/V of a Gas.

Belt Clip

GAS	RANGE	RESOLUTION	GAS	RANGE	RESOLUTION
CH4	0-5 %	0.01 %	CO2	0-20 %	0.1%
	0-100%	0.1 %		0-100 %	
CO2	0-5 %	0.01%	R-134A	0-1000 ppM	1 ppM
	0-10%	0.1%	Other Gases & Ranges on request		