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TECHNOVATION ANALYTICAL INSTRUMENTS PVT. LTD.

W-312, 13th Cross Road, M.I.D.C., Rabale, Navi Mumbai-400701, Maharashtra, India.

Tel.: 9967177429 / 9870675538.

CIN NO: U99999MH1990PTC057660

E-mail : taiplem@gmail.com Website: www.technovationindia.com

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Cert. No. QMS0720020347

SR2012 - PORTABLE MULTI GAS ANALYSER WITH INBUILT PUMP

THE INSTRUMENT

The TECHNOVATION SR2012 is small portable multi- gas analyser and can measure up to five different gases simultaneously. A variety of sensors can be connected which could include Electro chemical ,, NDIR, Pellistor for a wide range of parameters. The 128x64 pixel LCD display makes operation easy and user friendly. Facility for storage, Viewing of saved data on display. The instrument is known for its superior performance, simplicity of use and long service life.

FEATURES

- Five sensors can be connected in the following configuration. Upto 4 Electrochemical. Plus upto 2 NDIR or Pelistor
- Name, Range and Resolution for each gas configurable
- 128x64 pixel LCD back light display
- Trend analysis, Alarms Error and event viewing
- Two Alarms, their set point, Activation, Hysteresis are
- Inbuilt pump with flow of 1.5 LPM and suction of 8" Hg column

APPLICATIONS

Process gas monitoring, Quality assurance, R&D applications, Purified BIO-gas. Modified atmosphere packaging ETC...

PRINCIPLE OF OPERATION

As a wide range of gases can be monitored, by selecting the appropriate sensor while ordering, All the gases are not mentioned here. Albeit the more common ones are, O₂, CO, H₂S, SO₂, Cl₂ NO, NO₂, C₂H₄, and other Toxic gases, Combustible Gases, NDIR sensors include CH₄, CO₂, Freon, etc..

OPTIONS

Please contact our sales team for specific applications Specific Gases, Ranges and options

LOW-COST DURABLE ACCURATE WITH GOOD AFTER-SALES-SERVICE



TECHNOVATION® SR2012 STANDARD SPECIFICATIONS

- Gases & Sensor: Electrochemical, Or NDIR, , types Combustible gas pellistor.
- Range and Resolution : As per sensor selected
- Power : Battery pack 6V 3000mAH
- Display 128x64 LCD with backlight
- Box size : 220x160x110 mm
- Weight : 2kg nett
- Box material : Aluminium cast
- Carrying case : Soft case provided
- Inbuilt Pump :1.5 LPM suction of 8" Hg col

ACCESSORIES

Filter absorber tube, Battery charger, Instruction Manual, Filter tube, Carrying Case, Rubber Tube

OPTIONAL EXTRA

Accessories for **Modified Atmosphere Packaging** including foam pads, Syringe, 3 way valve & needled, etc.....

For MAP application only O₂ & CO₂ offered.

Typical sensors and ranges that may be used			
Gas	Range	Resolution	Sensor type
Oxygen	0-25 %	0.1%	Electrochemical
Carbon Monoxide	0-200 ppM	1 ppM	Electrochemical
Hydrogen Sulphide	0-200 ppM	0.1 ppM	Electrochemical
Combustible gases	0-100% LEL	1 % LEL	Pellistor
Carbon Dioxide	0-5%	0.01%	Non Dispersive Infra Red
Freon R134A	0-2000ppM	1 ppM	Non Dispersive Infra Red
Other Gases & Ranges on request			