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## TECHNOVATION ANALYTICAL INSTRUMENTS PVT. LTD.

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ISO 9001:2015

UNICERT  
ISO 9001



Cert. No. QMS0720020347

## SR 2017 ONLINE MULTI GAS ANALYSER

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

### THE INSTRUMENT

The TECHNOVATION SR2017 is an online multi- gas analyser and can measure up to eight different gases simultaneously. A variety of sensors can be connected which could include Electro chemical, NDIR, Pellistor and even industry standard 2 wire and three wire 4-20 mA transmitters 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

- Eight sensors can be connected in the following configuration. Upto 6 Electrochemical. Plus upto 2 NDIR or Pelistor or 4-20 mA transmitters
- Name, location, Range and Resolution for each gas configurable
- 128 x 64-pixel LCD back light display
- Trend analysis, Alarms Error and event viewing
- Two Alarms, their set point, Activation, Hysteresis are programmable for each channel.
- Common alarm relay also provided
- Outputs of RS-485, RS232 or USB or Ethernet.

### APPLICATIONS

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

### PRINCIPLE OF OPERATION

As a wide range of gases can be monitored, by selecting the appropriate sensor whole ordering, all the gases are not mentioned here. Albeit the more common ones are, O<sub>2</sub>, CO, H<sub>2</sub>S, SO<sub>2</sub>, Cl<sub>2</sub> NO, NO<sub>2</sub>, C<sub>2</sub>H<sub>4</sub>, and other Toxic gases, Combustible Gases, NDIR sensors include CH<sub>4</sub>, CO<sub>2</sub>, Freon, etc. Transmitters for Pressure, Temperature, and Moisture.

All sensors can be inbuilt when gases are non flammable OR available on end of cable in metallic holder for hazardous applications.

### STANDARD SPECIFICATIONS

Gases & Range : Available on request



### TECHNOVATION® SERIES 2017 STANDARD SPECIFICATIONS CONTINUED

Display	: 128 x 64 LCD with backlight
Sensor types	: Electrochemical, NDIR, 3 Wire industry standard 4-20mA transmitters.
Accuracy	: As per sensor selected
Resolution	: As per sensor selected
Power	: 110 to 220VAC 50 -60 Hz
Box size	: 220 x 160 x 110 mm
Weight	: 7 kg nett
Box material	: Aluminum die cast

### ACCESSORIES

Filter absorber tube, Power cord, Electrical Cables for output, Instruction Manual

### OPTIONS

Outputs of RS485, or RS232 or USB or Ethernet RJ45

Sensor Mounting Inside instrument OR Sensor at end of Cable

### OPTIONAL EXTRAS

- Sensor Housing aluminum FLP JB with EX-proof sensor holder.
- Ethernet output.
- Sensors mounted on aluminum plate with FA Valve, Filter, Knockout pot & Flow Indicator.

Please contact our sales team for specific applications