



ESTD. 1990

TECHNOVATION ANALYTICAL INSTRUMENTS PVT. LTD.

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

Tel.: 9967177429 / +91-22-27691238

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

ISO 9001:2015



Cert. No. QMS0720020347

MODEL-A PORTABLE COMBUSTIBLE GAS ANALYSER WITH MICRO AIR PUMP

THE INSTRUMENT

The TECHNOVATION. COMBUSTIBLE GAS ANALYSER WITH INBUILT MICRO AIR PUMP is a portable easy to use, compact, durable, COMBUSTIBLE GAS ANALYSER with a 0 to 4 % H₂ range. The inbuilt pump draws the sample gas through the probe when the momentary type pump switch is depressed. Two settable alarms both visual & audible are provided. Flame flash back arrestors to the inlet and outlet of the gas circuit are incorporated. The sensing head is certified for use in hazardous locations.

FEATURES

- Internal pump for drawing gas sample
- Long life catalytic bead Pellisters
- Disposable battery or external power option
- Cast Aluminum housing
- Light weight, compact, durable and rugged.
- Two alarms and low battery alarm
- Digital readout of HYDROGEN % of gas
- Flash back arresters on inlet & outlet

APPLICATIONS

These analysers are used for 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 combustible gases. They may also be used for leak detection

STANDARD SPECIFICATIONS

Detection Principle	: Low-power Catalytic Combustion Pellisters; resistant to H ₂ S poisoning
Range	: 0 - 4 % V/V of Hydrogen gas
Resolution	: 0.01 %
Display	: 3½ digits 12 mm
Accuracy	: ±5% of full-scale readings
	Pellistor Response: 15 secs (T 90)
Power	: 4 Nos. D-size Alkaline batteries.
Low Batt	: Automatic indication, both visual & audible
Sampling	: By a built-in micro air pump
Pump suction	: 6 " hg column
Pump flow	: 0.5 Liter/minute

HYDROGEN GAS DETECTION

MADE EASY WITH A BUILT-IN MICRO AIR-PUMP



TECHNOVATION® MODEL A

STANDARD SPECIFICATIONS CONTINUED

Alarms	: Two alarms both visual and audible. Both alarms settable throughout the range.
1st Alarm	: Intermittent
2nd Alarm	: Continuous
Size	: 160 X 102 X 112 mm (±12)
Weight	: 2 Kg (± 300 gm)
Operating Temp	: 5 °C to 50 °C
Calibration	: By Certified Calibration Gas.
Sensor Life	: To be replaced every 18 months
Inst. Housing	: Aluminum cast fitted in a case with shoulder strap.

Approvals on sensing head

1. Approval Body: SIRA Certificate Service, UK. Test Standards: BS EN 50014:1993. BS EN 50018:1995 Product Category: E Ex d II C
2. Approval Body: Canadian Standard Association. Test Standard : CSA Std. 22.2 No. 30-M1986 Explosion-proof Enclosures for use in class I Hazardous locations. Product Category: Class I, Group A,B,C,D

ACCESSORIES

Carrying case, probe with filter

OPTIONS

Power	: External 6 V DC supply with selector switch
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