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TECHNOVATION ANALYTICAL INSTRUMENTS PVT. LTD.

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Cert. No. QMS0720020347

MODEL - D PORTABLE COMBUSTIBLE GAS ANALYSER

THE INSTRUMENT

The TECHNOVATION. MODEL D COMBUSTIBLE GAS ANALYSER is a portable easy-to-use, compact, durable, COMBUSTIBLE GAS ANALYSER with a 0 to 100 % LEL range. It measures the combustible gas in diffusion mode. Two settable alarms both visual & audible are provided. The combustible gas alarm optionally has a neck-strap or belt-clip hanger for hands-free operation. The sensing head is certified for use in hazardous locations. Two alarms both visual & audible are provided.

FEATURES

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

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 Pellistors; resistant to H ₂ S poisoning.
Range	: 0-100% LEL of combustible gas
Display	: 3 1/2 digits 12 mm high.
Resolution	: 1 % LEL steps.
Accuracy	: ± 5% of full scale readings .
Pellistor 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.
Battery Charging	: Recharged on 220 V AC by using the external battery-charger.
Size	: 13 H x 7 W x 4.5 cm approx.

TINY COMBUSTIBLE GAS ALARM



TECHNOVATION® MODEL-D

STANDARD SPECIFICATIONS CONTINUED

Alarms

1st Alarm	: Visual and audible, Intermittent Settable throughout the scale
2nd Alarm	: Visual and audible, Continuous settable throughout the scale
Weight	: 0.5 Kgs approx
Calibration	: Certified Calibration-Gas

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, Hand Aspirator Bulb, Battery Charger, Flow Thru Cap, 1 m Rubber Tube. Screwdriver

OPTIONS

Reading display	In % V/V of a Gas.
Belt Clip	