



TECHNOVATION Analytical Instruments Pvt.Ltd

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Certified ISO 9001: 2000 by



CERT. NO. 217910

MODEL ECIR-1 ELECTROCHEMICAL & INFRARED COMBO ANALYSERS

THE INSTRUMENT

THE TECHNOVATION MODEL ECIR-1 is a dual gas analyser measuring % oxygen, and an energy absorbing gases like Carbondioxide, Methane, Carbonmonoxide and others. Readings are independently displayed on a 3 1/2 digit 12mm high LCD. The gas probe is a single copper tube combined with a filter. This instrument is for intermittent use. However with a suitable external sample gas treatment system it can be used continuously. Some ranges / gases measured by infrared principle are given in the table.

FEATURES

- Electrochemical Oxygen sensor.
- Infrared sensor CO, CO₂, CH₄ etc...
- High performance, and reliability with low maintainence.
- 220 VAC 50 HZ OR optionally rechargeable battery powered.
- Internal pump with high suction. Instant readings

APPLICATIONS

These instruments find use in Furnaces. Boilers, Agro, Pharmaceutical and other industries for measurement and control of the atmospheres therein or process parameters.

MEASURE AND CONTROL YOUR PROCESS PARAMETERS



ACCESSORIES

Carrying case Provided with portable instruments only

OPTIONAL EXTRAS

Power : Rechargeable battery with battery charger and low battery indication.

Gas Treatment : Sample gas treatment system as per customers requirement

Output : 4 -20 mA {loop res < 200 Ohms}

IR GAS	RANGE	RESOLUTION
CARBONMONOXIDE	0 - 100 %	0.1 %
CARBONDIOXIDE	0 - 5 %	0.1 %
METHANE	0 - 1 00 %	0.1 %
OTHER GASES & RANGES ON REQUEST		