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## TECHNOVATION ANALYTICAL INSTRUMENTS PVT. LTD.

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Cert. No. QMS0720020347

## MODEL EC 7 & EC 77 MINI O2 ANALYSERS FOR % OXYGEN MEASUREMENT

### THE INSTRUMENT

The **TECHNOVATION MINI OXYMETERS MODELS EC 7 & EC 77** are **LOW-COST** instruments which measure % Oxygen in sample gases. They have a LCD display 12 mm high.

### FEATURES

- Quick and accurate response to oxygen
- Easy operation
- Portable, light weight with disposable battery
- Digital display
- Compact, Rugged, Low Cost

### APPLICATIONS

**PURITY OF NITROGEN:** Measurement of % Oxygen as impurity in nitrogen or in an inerting gas mixture.

**PERSONAL SAFETY:** Monitoring oxygen deficiency in a confined space before man entry. The instrument box being compact in size, and light in weight, 300 grams approx., can either be hand held or worn on the belt.

**PROCESS SURVEILLANCE:** To measure % Oxygen in a gas mixture to avoid degradation of process.

### STANDARD SPECIFICATIONS

Display	: 3 ½ Digit, LCD 12 mm high.
Sensor type	: Electrochemical
Life expectancy	: 24 months in air.
Accuracy	: ± 2 % FSD at constant temperature & pressure
Range	: 0-25% / 0 – 100%
Resolution	: EC-7 0.1 thru-out range : EC-77 0.01 below 20% : 0.1 at 20% & above
Working temp	: 5° to 45°C

**LOW-COST & DEPENDABLE**  
WITH SURE AFTER SALES SERVICE



## TECHNOVATION® MODEL EC-7 & 77

### STANDARD SPECIFICATIONS CONTINUED

Response T90	: 10 seconds
Humidity	: 10 to 90% RH
Calibration	: By Ambient air or by Certified Gas.
Power source	: 9 volt dry cell. PP3 Type
Battery Indication	: Auto Low Battery
Size	: 130 x 65 x 45 mm
Weight	: 300 gms approx.
Enclosure	: ABS Plastic

### ACCESSORIES

Supplied with : Manual, Flow thro Cap, Rubber Tubing (2mts) & Carrying case

### OPTIONAL EXTRA:

- Power source - Rechargeable Battery with battery charger
- Hand Aspirator Bulb
- Range 0 - 100%