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## TECHNOVATION ANALYTICAL INSTRUMENTS PVT. LTD.

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## MODELS OX-11 TO 14 & OX-5N HIGH SPEC AUTO-RANGING OXYGEN ANALYSERS

### THE INSTRUMENT

These  $\mu$ P based Oxygen analysers offer all the desired features of a highly advanced instrument at very affordable prices

### FEATURES

- Auto range selection by instrument.
- Two Audible & Visual Alarms, programmable either high or low, user settable.
- Relay contacts, one per alarm for online models only.
- Programmable Alarm Delay & Hysteresis Calibration range of 0-25 % for use with air calibration
- Recorder outputs 0-1 V & 4-20mA.
- Flow-indicator & Flow-control valve provided
- Sensor Isolation valve provided in model OX-1N & OX-3N for quick response and sensor conservation.

### APPLICATIONS

These instruments find application in measuring impurities of Oxygen in pure gases for Process Control, Quality Control, safety, N2 Plants etc.

### PERCENTAGE OR PARTS PER MILLION PANEL MOUNTED OR PORTABLE AUTO RANGING



### TECHNOVATION<sup>®</sup> MODEL OX 11 - 14

Enclosure Material : Powder Coated M.S  
Battery : 12V 1.3 AH Lead Acid.

### ACCESSORIES

Instruction Manual, Panel Mounting Clamps, Calibration Screwdriver, Mains Cord, Connectors, Carrying Case, Compression fittings with ferrule, as applicable to model.

### SPECIFICATIONS

| Model                                     | OX-11               | OX-12               | OX-13                | OX-14                | OX-5N               |
|---|---------------------|---------------------|----------------------|----------------------|---------------------|
| Type Of use                               | Online PPM          | Online %            | Portable PPM         | Portable %           | Online %            |
| Power                                     | 220 VAC             | 220 VAC             | Rechargeable Battery | Rechargeable Battery | 220 VAC             |
| Mode of Use                               | Continuous          | Continuous          | Intermittent         | Intermittent         | Continuous          |
| Measuring Range                           | 0 - 1999 PPM        | 0-1.999 % & 25%     | 0 - 1999 PPM         | 0-1.999 % & 25%      | 0-1.999 % & 25%     |
| Resolution                                | 1 ppm               | 0.001 %             | 1 PPM                | 0.001 %              | 0.001 %             |
| Display                                   | LED                 | LED                 | LED                  | LED                  | LED                 |
| Flow Rate                                 | 1-2 LPM             | 1-2 LPM             | 1-2 LPM              | 1-2 LPM              | 1-2 LPM             |
| Alarm Configuration                       | User Settable       | User Settable       | User Settable        | User Settable        | User Settable       |
| Recorder O/P                              | 0-1V / 4-20 mA      | 0-1V / 4-20 mA      | 0-1V / 4-20 mA       | 0-1V / 4-20 mA       | 0-1V / 4-20 mA      |
| Relay                                     | One Per Alarm       | One Per Alarm       | Nil                  | Nil                  | One Per Alarm       |
| Inlet Fitting                             | For 1/8" OD SS Tube | For 1/8" OD SS Tube | For 1/8" OD SS Tube  | For 1/8" OD SS Tube  | For 1/8" OD SS Tube |
| OA Encl. Size mm                          | 198X100X220 mm      |                     |                      |                      | 193X97X210          |
| Panel Cut Out Size                        | 189 X 90            | 189 X 90            | 189 X 90             | 189 X 90             | 184 x 91            |
| Alarm delay, Hysteresis & confidence beep | Fully User Settable | Fully User Settable | Fully User Settable  | Fully User Settable  | Fully User Settable |
| Low Batt indication                       | NA                  | NA                  | LED Provided         | LED Provided         | NA                  |
| Isolation Valve                           | PROVIDED            |                     |                      |                      | NA                  |