

PERSONAL

MODEL OX-82

(With audible/visual alarm)



- 1 Oxygen sensor
- 2 Span control
- 3 Zero control
- 4 Power switch
- 5 External alarm receptacle
- 6 LCD display

The Model OX-82 personal oxygen Indicator and alarm is a pocket-sized, lightweight instrument designed for uninterrupted monitoring of oxygen levels. Carried in a pocket, the OX-82 provides hands-free continuous diffusion sampling, a digital readout of oxygen level and an alarm whenever oxygen level falls below a preset point. A side-mounted jack accepts a plug that connects to an optional alarm buzzer to alert the wearer even in environments with a high back-ground (ambient) noise level.

An alarm for low battery condition warns the user when power is low. The top-mounted oxygen sensor is easily detached for mounting on an optional extension cable to provide remote sampling in tanks or manholes prior to entering these or other potentially hazardous areas.

FEATURES

- Pocket-size (78×142×26mm)
- Lightweight (300grs)
- Hands-free monitor
- Percent oxygen digital readout
- Audible and visual alarm
- Remote alarm capability
- Low battery alarm
- Intrinsically safe 3A4 (No. 31848) in Japan
- Automatic self-illumination display in a dark place

SPECIFICATIONS

Principle	Electrochemical cell
Sampling method	Diffusion sampling
	Built-in and/or remote sensor type
Range	0 ~ 25% oxygen content
Accuracy	Better than $\pm 0.7\%$ by volume of indication value at constant temp. (Complies with JIS T-8201)
Read out	Digital display readable to nearest 0.1% oxygen (3-digit)
Alarm	1) Intermittent audible tone and flashing alarm light, activated when oxygen content falls below alarm level (preset at 18%) 2) Continuous audible tone for low battery alarm 3) Remote alarm buzzer receptacle
Operating temp.	-10°C ~ +40°C
Power source	Dry cells (Standard), 2 pcs
Battery life	100 hrs continuous operation minimum in case of no alarm/illumination, using dry cells
Dimensions	78(W) × 142(H) × 26(D)mm
Weight	Approx 300 grs (inc. carrying case)
Explosion proof	Intrinsically safe 3A4 in Japan
Life expectancy of the sensor	Above 24 months
Warranty	1 year material & workmanship

Specifications subject to change without notice.

STANDARD ACCESSORIES

- 1) Dry cell (R6 or AA size) 2 pcs.
- 2) Carrying case (with hard strap) 1 pce.

OPTIONAL ACCESSORIES

- 1) Ni-cd battery and charger (AC 100V or AC 220V)
- 2) Remote alarm buzzer (with clip)
- 3) Extension kit for pressurized air (gas sampling bag and adaptor)
- 5) Carrying bag
- 6) Weather-proof rubber cover (for marine use)