

# RIKEN

# PORTABLE OXYGEN MONITOR

## MODEL

# OX-07

**JML approved**  
**(Japanese Ministry of Labor)**  
**ATEX · IECEx approved**



## Features

- Intrinsically safe ExiaIICT3
- Extension cable available (5m standard, 10m, 20m and 30m)
- Maximum 5000 hours of continuous operation by 2 "AA" alkaline dry cells
- Impact resistant protective rubber boot
- Large LCD display with auto backlight
- Audible/visual/vibration alarms
- Compact and light weight
- 66W × 114H × 33D mm, 230g only



TOKYO PLANT · OKEGAWA FACTORY  
 RIKEN KEIKI ESAN SEISAKUSHO CO.,LTD



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## Specifications

Type	Type A	Type B
Gas detected	Oxygen in air	
Detection principle	Galvanic cell	
Detection range (Increments)	0.0-40.0%vol. (0.1%vol.)	
Alarm set point	Low alarm 19.5%vol. High alarm 23.5%vol. Over 40.0%vol.	No alarm
Trouble alarm	Sensor disconnection, low battery, circuit failure, calibration range error	
Alarm types	Gas alarm : flashing light, intermittent buzzer and flashing gas value, pulsing vibration	No alarm
	Trouble alarm : flashing light, intermittent buzzer and Display of error message	
Display	Digital display	
Power source	Alkaline dry cells (2-AA size), 2pcs	
Continuous operation	Maximum 5000 hours (at 25°C, and no alarm, no backlight)	
Safety design	Intrinsically safe (ExiallCT3)	
Operating temp. & humidity	-20°C ~+50°C : Humidity below 95%RH (non-condensing)	
Special functions	Manual backlight for LCD (automatically lit during alarm) Peak hold (maximum and minimum)	
Dimensions & weight	Approx. 66 (W)×114 (H)×33 (D)mm    Approx. 230g (Instrument only)	
Standard accessories	Hand strap	
Optional accessories	Extension cable 5m, 10m, 20m, 30m, Carrying case	



**OX-07 Type A**  
with extension cable

### Standard accessories



Hand strap

### Optional accessories



Extension cable



Carrying case



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