

# 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 High alarm Over	19.5%vol. 23.5%vol. 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℃, and no alarm, no backlight)		
Safety design	Intrinsically safe (ExiaIICT3)		
Operating temp. & humidity	-20℃ ~+50℃ : 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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