

# RIKEN

## PORTABLE CO/O<sub>2</sub> COMBINATION GAS MONITOR

### MODEL CX-II



Display

### ■ Features

- Monitors 2 gases (CO and O<sub>2</sub>) simultaneously
- Datalogging & IrDA transmission to PC
- Operates 2000hrs. on alkaline batteries
- Audible / visual / vibration alarms
- Light weight 120g
- PEAK HOLD, STEL & TWA functions
- Automatic backlight during alarms
- Explosion proof  
: under submittal (Exia II BT4X)

### ■ Applications

- Iron / Steel mills
- Mining
- Refineries / Petrochemical
- Water  
/ Wastewater Treatment
- Pharmaceuticals
- Chemical Plants
- Fire Services

The CX-II is a personal CO/O<sub>2</sub> combination gas monitor designed for personal protection from carbon monoxide and oxygen deficiency in iron/steel mills and hazardous areas.

Some of this advanced capabilities include distinctive audible, visual and vibration alarms for dangerous gas conditions and malfunctions, a large digital readout with a manual backlight that also automatically lights in an alarm condition, as well as the display of PEAK and STEL/TWA readings. The CX-II can be operated continuously for at least 2000 hours on two AAA size alkaline batteries. The sensors on the CX-II are manufactured with the same high quality control that has made Riken sensors and instruments the most reliable and long lasting monitoring devices in the industry.



## RIKEN KEIKI

# MODEL CX-II

## ● DISPLAY SCREEN (EXAMPLE)



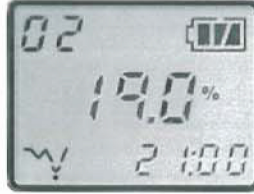
Measuring display for CO



Measuring display for O<sub>2</sub>



TWA indication for CO



PEAK indication for O<sub>2</sub>

## ● ACCESSORIES



Alligator clip (Standard)



Arm band (Optional)

## ● SPECIFICATIONS

Model	CX-II	
Measurable gas	Oxygen (O <sub>2</sub> ) and Carbon Monoxide (CO)	
Detection principle	Oxygen (O <sub>2</sub> )	Carbon Monoxide (CO)
	Galvanic cell	Electro Chemical cell
Measuring range	0~40.0 volume%	0~1000ppm
Resolution	0.1 volume%	1ppm
Gas Alarm	Low alarm : 19.5 volume% High alarm : 23.5 volume% (enrich) OVER : 40 volume%	1 <sup>st</sup> alarm : 50ppm 2 <sup>nd</sup> alarm : 150ppm TWA : 50ppm STEL : 200ppm OVER : 1000ppm
Kinds of alarms	Gas alarms : 2 preset alarms, STEL, TWA, OVERSCALE alarm Trouble alarms : Sensor disconnection, wire disconnection, low battery, circuit error, calibration range error.	
Display of alarm	Gas alarms : Blinking LEDs, intermittent buzzer, blinking gas value, vibration Trouble alarms : Blinking LEDs, intermittent buzzer, display of error message	
Functions	<ul style="list-style-type: none"> <li>• Manual backlight LCD (automatic at alarm)</li> <li>• STEL and TWA alarms</li> <li>• PEAK HOLD function</li> <li>• IrDA data transmission to PC</li> <li>• Datalogging function</li> </ul>	
Display	Digital LCD with segments + symbols	
Power source	Alkaline battery, AAA size × 2 each	
Continuous operation	Up to 2000 hours at 20°C without any alarms	
Operating temp. & humidity	-20°C~50°C, 0~95%RH (non condensing)	
Explosion proof	Under submittal (Exia II BT4X)	
Standard accessories	Alligator clip, AAA size alkaline batteries (2 each)	
Optional accessories	Datalogging software for PC, Arm belt, Belt clip, Dust filter	
Dimensions & weight	Approx. 90 (W) × 50 (H) × 25 (D)mm, approx. 120g	

● Specifications subject to change without notice.

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