



PORTABLE HC/O₂ GAS DETECTOR

HC NDIR

0-100%LEL/0-100vol% in Air & Inert condition (Auto range)

O₂ Galvanic Cell

0-40%

MODEL RX-8000



Application

- Oil tanker
- Gas carrier
- Product tanker
- Refineries/Petrochemical/Chemical plants
- Confined space
- Gas plant/Gas supplier services
- Power plant
- Water/Wastewater treatment
- Utilities

Features

- Real-time detection for Combustibles 100%LEL/100vol%, O₂
- Large simultaneous display with auto back lighting
- Strong sample drawing capability
- Loud alarm buzzer with 95dB
- 3 bright LED alarm windows
- ATEX Exia II CT4 / MED (pending)
- Water and dust resistant IP67
- Lithium-ion rechargeable battery
- Compact and light weight
- Ergonomic design with waist strap for hands free operation
- Datalogging standard



RIKEN KEIKI Co., Ltd.

TEL: 03-4331-1111 FAX: 03-4331-1112
E-MAIL: riken@riken-keiki.co.jp
WWW: www.riken-keiki.co.jp

Specifications

MODEL RX-8000

Target gas	Combustibles (i-C ₄ H ₁₀ or CH ₄ calibration)		Oxygen (O ₂)
Detection principle	Non-Dispersive Infrared Ray		Galvanic cell
Detection range (Increments)	0-100vol% (0.5vol%)	0-100%LEL (0.5%LEL)	0-40% (0.1%)
Accuracy	±5vol%	±5%LEL	Range 0-25% : ±0.7% Range 26-40% : ±3.0%
Response time	T90 within 30sec		T90 within 20sec
Sampling method	Sample Draw : Minimum 0.75L/min		
Display	Digital display and Bar graph		
Power source	Lithium-ion battery (3 hours for a full charge) : Standard AA Alkaline battery (3pcs) : Option		
Continuous Operation	AA Alkaline battery : more than 10 hours Lithium-ion battery : more than 15 hours		
Operating temp & Humidity	-20 ~ +50°C (-4 ~ +122°F) below 95%Rh (Non-condensing)		
Dimensions & Weight	Approx. 154 (W) × 81 (H) × 127 (D) mm Approx. 1.0Kg (Approx. 6.1" (W) × 3.1" (H) × 5.0" (D) mm Approx. 2.4lb)		
Ingress proof rating	Equivalent to IP67		
Explosion proof	Ex ia IIC T4		
Approvals	IECEX, ATEX, TIIS, MED, HK Complying to IEC60079-29-1, EN50104 } pending		
Additional features	Indication to show energizing (pilot indicator and pump driving indicator), Activating confirmation beep and LED's flash (every one minute), Pump stop function, Bump test function, IrDA communication, Data logger, Password protection		

From specifications subject to change without notice

Standard accessories

- Lithium-ion battery unit BUL-8000
- AC powered charger
(Input : AC100V~AC240V, 50/60Hz)
(Output : DC12V, 1.25A)
- Gas sampling probe
- Gas sampling hose (Spiral 1m)
- Neck / shoulder strap
- Filter tube
- Fixing belt for filter tube
- Instruction manual

Optional accessories

- Dry cell battery unit BUD-8000
- Gas sampling hose 8m with float type sampling head
- Gas sampling hose 30m with plummet
- Telescopic sampling probe
(2step : 0.72m / 9step : 3.0m)
- Waist strap
- Sampling probe holder on the neck/shoulder strap
- Leather carrying case
- Carrying box
- Calibration gas set
- Flow control demand valve
- Datalogging software

RIKEN KEIKI Co., Ltd.

2-7-6 Azusawa, Itabashi-ku, Tokyo 174-8744, Japan

Phone : +81-3-3966-1113

Telefax : +81-3-3558-9110

E-mail : intdept@rikenkeiki.co.jp

Web site : <http://www.rikenkeiki.co.jp>

★ Distributed by: