C0E-1480

RIKEN KEIKI

PORTABLE HC/O_2 GAS DETECTOR

HC NDIR

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

O_2 Galvanic Cell

0-40%

MODEL RX-8000

4 types

- RX-8000 (i-C4H10 / O2)
- RX-8000 (CH4 / O2)
- RX-8000 (i-C4H10) single
- RX-8000 (CH4) single

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%, O_2
- Large simultaneous display with auto back lighting
- Strong sample drawing capability
- Loud alarm buzzer with 95dB
- 3 bright LED alarm windows
- ATEX Exia ⅡCT4/MED
- Water and dust resistant IP67
- Lithium-ion rechargeable battery
- Compact and light weight
- Ergonomic design with waist strap for hands free operation
- Datalogging standard

JAB CM007
ISO 9001 95QR・007
ISO 14001 97ER・005
TOKYO PLANT・OKEGAWA MANUFACTURING DIVISION・HAKODATE FACTORY

RIKEN KEIKI Co.,Ltd.

Specifications

MODEL RX-8000

Target gas	Combustibles (i-C_4H_{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	Lithium-ion battery : more than 15 hours AA Alkaline battery : more than 10 hours		
Operating temp & Humidity	-20～+50℃(-4～+122°F) below 95%Rh (Non-condensing)		
Dimensions & Weight	Approx. 154(W) × 81(H) × 127(D)mm Aprox. 1.0Kg (Approx. 6.1"(W) × 3.1"(H) × 5.0"(D)mm Aprox. 2.4lb)		
Ingress proof rating	IP67		
Explosion proof	Ex ia ⅡC T4 Ga		
Approvals	IECEx, ATEX, MED, Complying to IEC60079-29-1, EN50104		
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		

Specfications 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)
- Gas sampling atachement 2 deck valves (For gas measuring inside tanks) including 30m sampling hose/filter/ two connection adaptor/quick coupling
- Sampling probe holder on the neck/shoulder strap
- Waist strap
- Carrying box (Aluminum)
- Datalogging software

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