

PORTABLE COMBINATION GAS DETECTOR

MODEL RX-8500

CH₄/O₂/CO/CO₂ detector for LNG carrier

MODEL RX-8700

HC/O₂/H₂S low and high range detector for oil tanker

ATEX/IECEX Approval : Exia II CT4

Features

- Dual range detection of CH₄ or HC in %vol and %LEL.
- Infrared ray sensor for CH₄ or HC
- Intrinsically safe (ATEX/IECEX)
- Explosion proof class : Exia II CT4
- Equivalent to ingress proof rating IP67



Specifications

Model	RX-8500			
Target gas	Methane(CH ₄)	Oxygen(O ₂)	Carbon monoxide(CO)	Carbon Dioxide (CO ₂)
Detection principle	Non-Dispersive Infrared Ray (NDIR)	Galvanic cell	Electro chemical	Non-Dispersive Infrared Ray (NDIR)
Detection range	0 - 100.0 %LEL / 5 - 100.0 VOL%	0 - 40.0 VOL%	0 – 1000 PPM	0 - 20.0 VOL%
Increments	0.5%LEL (0-100%LEL) 0.5VOL% (5-100.0VOL%)	0.1 VOL%	1 PPM	0.01 VOL% (0 - 2VOL%) 0.05 VOL% (2 - 5VOL%) 0.1 VOL% (5 - 20VOL%)
Sampling method	Sample Draw			
Sampling rate	Minimum 0.75L/min			
Power supply	Lithium-ion battery <standard> Alkaline battery(AA Alkaline battery x 3) <option>			
Operating temp & Humidity	-20 ~ +50°C, below 95%RH (Non-condensing)			
Dimensions & Weight	Approx.154(W) x 81(H) x163(D) mm, Approx.1.2kg(Lithium-ion battery type) <standard>			

· Specifications subject to change without notice.

Specifications

Model	RX-8700			
Target gas	Combustible gas (HC)	Oxygen (O ₂)	Hydrogen sulfide (H ₂ S)	
Detection principle	Non-Dispersive Infrared Ray (NDIR)	Galvanic cell	Electro-chemical	
Detection range	0-100 %LEL / 2-100.0 VOL%	0-25.0 VOL% <25.1-40VOL%>	[Low] 0-30.0 PPM	[HIGH] 0-1000 PPM
Increments	0.5 %LEL (0-100%LEL) 0.5 VOL% (5-100.0VOL%)	0.1 VOL%	0.5 PPM	1 PPM
Dimensions	Approx.154(W) x 81(H) x 163(D) mm			
Weight	Approx.1.3kg(Lithium-ion battery type) <standard>, Approx. 1.2kg (Alkaline battery type) <Option>			

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