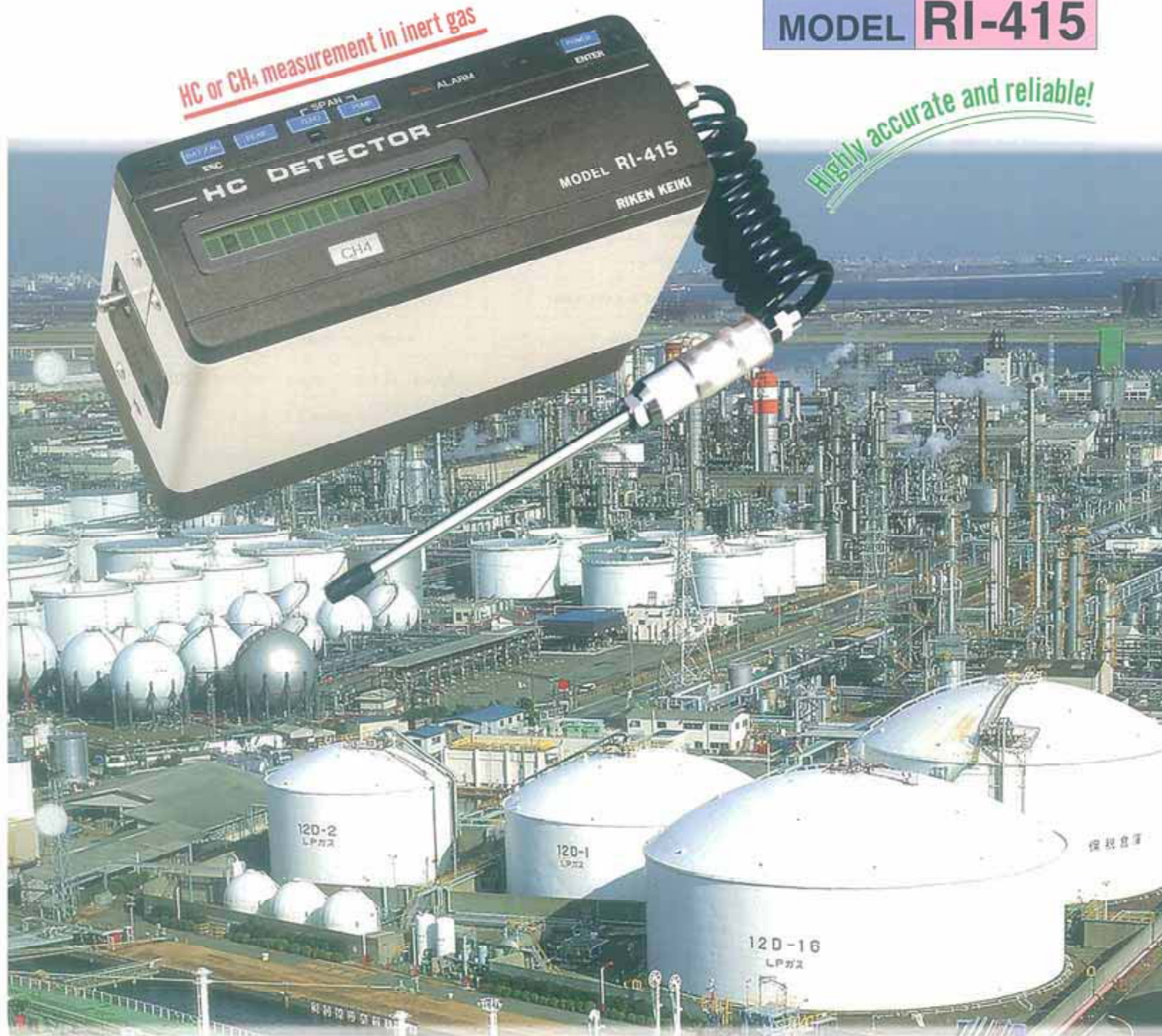


RIKEN

Dual auto range 0 – 100vol% / 0 – 100%LEL

PORTABLE INFRARED HC GAS DETECTOR

Explosion proof structure : Approval from Ministry of Labor, Japan

MODEL RI-415*HC or CH₄ measurement in inert gas**Highly accurate and reliable!***Features**

- ▶ Available to measure from higher concentration (vol%) to lower concentration (%LEL)
- ▶ Explosion proof (Detector:Explosion proof, Other electrical circuit and pump:Intrinsically safe design)
- ▶ Available to measure HC or CH₄ in N₂ or inert gas with a reliable NDIR method

Applications

- ▶ Facilities for LP gas manufacturer/storage/consumption
- ▶ Chemical plants ▶ Power plants ▶ Town gas



95QR-007



97ER-005

**RIKEN KEIKI**

Highly accurate & reliable

MODEL RI-415

OUTLINE

This Model is a portable HC or CH₄ detector with an Infrared (NDIR) type sensor. This sensor style provides accurate detection of HC or CH₄ gas levels even in N₂ and inert environment. The measuring ranges are 0-100 vol% and 0-100% LEL, with automatic ranging. The RI-415 has explosion proof and Intrinsic safety construction so it can be used safely in any environment.

*When ordering, please specify either HC or CH₄.

Standard Accessories

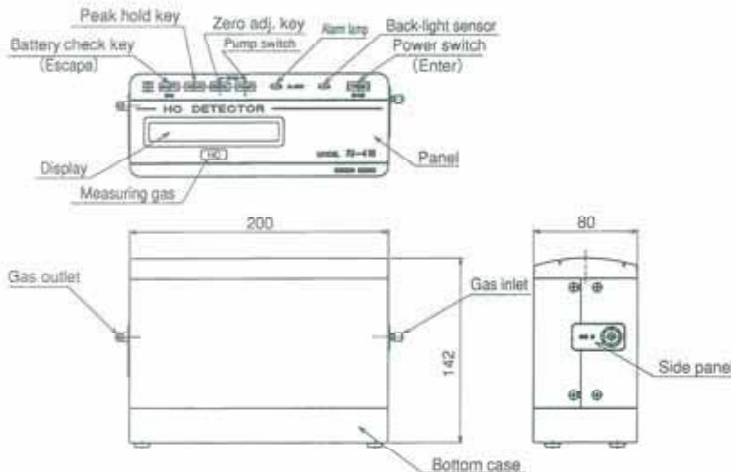
Carrying case1 pce
 Gas sampling probe1 pce
 Spiral hose (1M) for sampling probe1 pce
 Alkaline batteries (Size C)4 pcs
 Instruction manual1 pce

SPECIFICATIONS

Model	RI-415	RI-415
Gas	HC	CH ₄
Detection principle	Non dispersive infrared method	
Range	0-100%LEL / 0-100vol% (Auto)	
Increment	0.5%LEL / 0.5vol%	
Indication accuracy	Better than ±5% of full scale	
Response time	Within 30 seconds (T90)	
Sampling	Suction pump	
Ambient temp/humidity	-10°C~40°C / below 90%RH	
Power source	Alkaline batteries (Size C) 4pcs	
Continuous operation time	Approx. 50 hours (no alarm/no light at 20°C)	
Explosion proof	Exiad II BT3	
Dimension/weight	200(W)×80(H)×142(D)mm/2kg (including batt.)	
Additional function	Low battery voltage alarm, Trouble alarm (disconnection of detection cell), Peak hold	

Specifications subject to change without notice.

Outer Dimensions



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