

Cubic Industrial Safety



CH₄

Methane (CH₄) Sensing Solution

CH₄



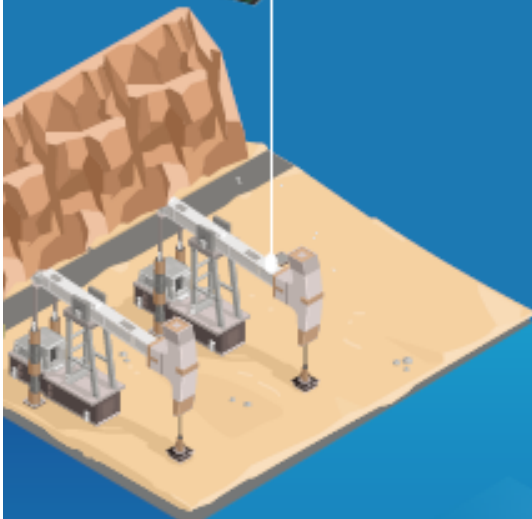
Greenhouse Gas Leakage Detection Solution

NDIR (Non-Dispersive Infrared) Technology

 High Accuracy  Long Life Time  Low Concentration Range



New arrival



Specification

Measurement range	0~1000ppm
Accuracy	<3%F.S.
Minimal measurement	1ppm
Resolution	1ppm
Response	2s~3s
Working condition	-20°C~60°C
Extendable design	Multi channel integration(CO&CO ₂)

Feature

- Super low concentration range 0~1000ppm
- High accuracy with resolution 1 ppm
- Superior anti-cross interference compare with semiconductor technology
- Fast response 2s~3s to capture minor gas leakage
- Smart power consumption design
- Long lifespan over 10years
- OEM turnkey capability for detector level design

Underground Pipeline & Coal Mine Safety Alarm Solution

TDLAS (Tunable Diode Laser Absorption Spectroscopy) Technology

 High Selectivity
  No Cross Interference
  Excellent Anti Humidity

Cubic Model	Gasboard-2500	Gasboard-2501-05	Gasboard-2501-100
Measurement range	0~100%LEL	0~5%Vol(0~100%LEL)	0~100%Vol
Accuracy	0~20%LEL: $\pm 1\%$ LEL	$\pm 5\%$ LEL	0~1%: $\pm 0.06\%$; 1%~100%: $\pm 6\%$
	20~60%LEL: $\pm 3\%$ LEL		
	60~100%LEL: $\pm 5\%$ LEL		
Resolution	0.1%LEL	0.1%LEL	0.01%Vol
Response	10s@0.5L/min	30s@0.5L/min	30s@0.5L/min
Working condition	-25°C~55°C	-25°C~55°C	-10°C~50°C
Drift performance	Excellent	Excellent	Excellent

Feature

- Laser based technology
- High selectivity selective and sensitivity for methane gas
- Superior accuracy and long term stability with zero drift
- Excellent anti-humidity and fully resistant with cross interference
- Fast response
- Long lifespan over 10years



Gasboard-series



Industrial Miniature CH₄ Sensing Solution

NDIR (Non-Dispersive Infrared) Technology

 Miniature Package
  Long Life Time
  High Accuracy



SJH series



Cubic Model	SJH-5B	SJH-100B	SJH-5B1
Measurement range	0~5%Vol	0~100%Vol	0~5%Vol
Accuracy	0~1%: $\pm 0.06\%$	0~1%: $\pm 0.06\%$	0~1%: $\pm 0.06\%$
	1~2.5%: $\pm 6\%$ of reading		1~5%: $\pm 6\%$ of reading
	2.5%~full range: $\pm 6\%$ of reading		
Working condition	-40°C~70°C	-40°C~70°C	-40°C~70°C
Anti-humidity	Good	Good	Excellent

Feature

- Linearization and factory calibration for accurate digital output
- Matrix calibration to ensure high accuracy over full temperature
- Embedded temperature and humidity compensation
- Innovative high humidity alert mechanism
- Compact industrial 4-series package
- Long lifespan over 15years