

DUO TRACER

PORTABLE DUAL GAS DETECTOR

The DUO TRACER is a state-of-the-art portable gas detector designed to ensure safety in hazardous environments. Using the advanced diffusion method, it accurately monitors and alerts you



DUAL-GAS DETECTION

Simultaneously monitors and displays the concentration of two gases, including oxygen, explosive, or toxic gases, ensuring comprehensive safety coverage.

WIRELESS AND IR CONNECTIVITY

Supports wireless setting modifications and data download via Wireless Communication and Senko IR-LINK.

REAL-TIME MONITORING

Continuously displays real-time gas concentration levels on the LCD screen, allowing for immediate awareness of hazardous environments.

KEY FEATURES & BENEFITS



WATER/DUST PROOF (IP67)

Built with an excellent water and dust proof structure, rated IP67, making it suitable for various harsh environments.



COMPACT AND LIGHTWEIGHT

Compact design ensures easy portability, making it ideal for use in various work environments.



HIGH-PERFORMANCE ALARMS

Equipped with visible, audible, and vibrating alarms for immediate notification of hazardous situations.



EVENT LOGGING

Automatically logs up to 30 alarm events, allowing for easy tracking and record-keeping.



EASY CONFIGURATION

Easily configure and manage data using the IR link, streamlining the process for efficient operation.



USER-FRIENDLY OPERATION

Designed for ease of use with simple controls for all personnel.

WHY CHOOSE US

- Affordable Price
- Rapid Response
- Fast Delivery
- Certified Quality



TECHNICAL SPECIFICATIONS

Model	Duo Tracer
Sensor Type	Electrochemical, NDIR
Measuring Type	Diffusion
Case Material	Rubber type polycarbonate
Dimensions	56(W) x 89(H) x 21(D) mm / 2.2(W) x 3.5(H) x 0.83(D) inch
Weight	200g / 7.05oz
Operating Temperature	-20°C to +50°C / -4°F to +122°F
Operating Humidity	15% to 90% RH (Non-condensing)
Operating Life	2 years on battery under normal use
Event Log	Most recent 30 alarms
IP	IP 67
Alarm	Visual (LCD and flashing LEDs), Audible(Buzzer), Vibration
Display	Liquid Crystal Display (LCD)
Key	One button
Battery	Replaceable Primary cell 3.6V Thionyl chloride(Li/SOCI2) battery manufactured in Vitzrocell
Battery Life	DUO TRACER-1 to 2: Approximately 0.5 years (8 hours of daily use, 2min alarm/day, wireless off) DUO TRACER-3 to 13: Approximately 2 years (8 hours of daily use, 2min alarm/day, wireless off) * Battery life may vary depending on usage conditions and environment.
Pressure	80~120KPa
Accessories	Calibration Cap (available as an option)
Attachment Method	Equipped with a clip for attachment to clothing, belts, or helmets.
Warranty	2 years from the date of purchase
Certification	IECEX IECEx KSCP 24.0025X
	ATEX KSCP 24ATEX0016X
	Standards(IECEX) IEC 60079-0:2017, IEC 60079-11:2011, IEC 60079-28:2015
	Standards(ATEX) EN IEC 60079-0:2018 EN 60079-11:2012 EN 60079-28:2015

SENSOR SPECIFICATIONS

* If your gas sensor is not listed, please contact us.

Gas	Measuring Range	Low Alarm	High Alarm	Resolution
CH ₄	0 ~ 100 %LEL	10 %LEL	30 %LEL	1% LEL
CO ₂	0 ~ 5% Vol	0.4% Vol	0.8% Vol	0.01% Vol
CO	0 ~ 500 ppm	30 ppm	60 ppm	1 ppm
H ₂ S	0 ~ 100 ppm	10 ppm	15 ppm	0.1 ppm
SO ₂	0 ~ 20 ppm	2 ppm	5 ppm	0.1 ppm
H ₂	0 ~ 1,000 ppm	100 ppm	500 ppm	1 ppm
NH ₃	0 ~ 100 ppm	25 ppm	35 ppm	1ppm
NO ₂	0 ~ 20 ppm	3 ppm	5 ppm	1 ppm
O ₂	0 ~ 30 %vol	19 %Vol	23 %Vol	0.1%vol
O ₃	0 ~ 1 ppm	0.10 ppm	0.20 ppm	0.1 ppm

Model	Gas Type	
	Ch-A	Ch-B
DUO TRACER-1		CH ₄
DUO TRACER-2		CO ₂
DUO TRACER-3		CO
DUO TRACER-4		H ₂ S
DUO TRACER-5	O ₂	SO ₂
DUO TRACER-6		H ₂
DUO TRACER-7		NO ₂
DUO TRACER-8		NH ₃
DUO TRACER-9		O ₃
DUO TRACER-10(A)		CO
DUO TRACER-11(B)	NO ₂	H ₂ S
DUO TRACER-12(C)		SO ₂
DUO TRACER-13(D)		H ₂ S
DUO TRACER-14(E)	SO ₂	CO
DUO TRACER-15(F)	NH ₃	CO

