







## Personal Dual Gas Detector

Compact & Lightweight  
User-friendly  
Easy Configuration

# DuoTracer

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 to dangerous gas concentrations.

### KEY FEATURES & BENEFITS

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|  <b>WATER/DUST PROOF</b><br>Excellent water and dust proof structure, making the Duo Tracer suitable for any environment.                 |  <b>COMPACT &amp; LIGHTWEIGHT</b><br>Compact design for easy portability and comfortable use, making it ideal for any environment |
|  <b>HIGH-PERFORMANCE ALARMS</b><br>Equipped with audible, visual and vibrating alarms to ensure prompt awareness in a hazardous situation |  <b>EVENT LOGGING</b><br>Automatically logs up to 30 events, allowing for easy tracking and record-keeping                        |
|  <b>EASY CONFIGURATION</b><br>Easy to configure and manage data using the IR link, streamlining the process for efficient operation       |  <b>USER-FRIENDLY OPERATION</b><br>Designed for ease-of-use with simple controls, making the Duo Tracer accessible for all.       |



### WHY CHOOSE US

- ✓ Affordable Price
- ✓ Easily Maintainable
- ✓ Fast Delivery
- ✓ Certified Quality

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

**BLUETOOTH AND IR CONNECTIVITY** Supports wireless setting modifications and data download via Bluetooth and Senko IR-LINK.

**REAL-TIME MONITORING** Continuously displays real-time gas concentration levels on the LCD monitor, allowing for immediate awareness of hazardous environments.

Specification

Model	Duo Tracer
Protection Type	Ex ia IIC T4 Ga
Electrical Data	Replaceable Primary cell 3.6v Thionyl chloride (Li/SOCl2) battery manufactured in Tekcell
Case	TPU covered Poly Carbonate (PC)
Sensor Type	Electrochemical formula, non-dispersive infrared (NDIR)
Measurement Type	Diffusion Type
Operation	The device comes with a clip that can be worn on the user's clothing pocket, belt, helmet, etc. Combined, users can easily carry the detector
Temperature	-20°C to 50°C
Dimensions	56mm x 89mm x 21mm
Weight	200g
Display	Easy-to-use graphic icons. Segments display for direct gas reading. Not included Backlight. Peak reading display.
Alarms	User selectable low and high alarms. LEDs. Buzzer (more than 95dB) alarm. Vibrating Alarm
Battery/Runtime	Replaceable Primary cell Thinoyl chloride (Li/SOCl2) and power supply unit/ More than 200 days in normal operating (O2 and CH4 combination)
Approval	ATEX II 1 G Ex ia IIC T4 Ga CSA&UL Class 1, Zone 0, ex ia IIC T4 G a IECEX Ex ia IIC T4 Ga



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Duo Tracer Combinations

	Sensor One	Sensor two
Duo Tracer-1	O2	CH4
Duo Tracer-2	O2	CO2
Duo Tracer-3	O2	CO
Duo Tracer-4	O2	H2S
Duo Tracer-5	O2	SO2
Duo Tracer-6	O2	H2
Duo Tracer-7	O2	NO2
Duo Tracer-8	O2	NH3
Duo Tracer-9	O2	O3
Duo Tracer-10	NO2	CO
Duo Tracer-11	NO2	H2S
Duo Tracer-12	NO2	SO2
Duo Tracer-13	SO2	H2S
Duo Tracer-14	SO2	CO
Duo Tracer-15	NH3	CO
Duo Tracer-16	H2S	CO