

Ribble Enviro
...everything gas detection

Data Sheet

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Personal Dual Gas Detector

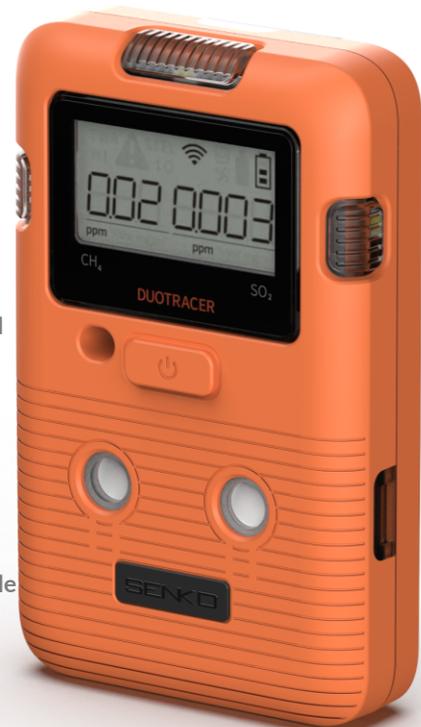
Compact & Lightweight
User-friendly
Easy Configuration

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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|  WATER/DUST PROOF
Excellent water and dust proof structure, making the Duo Tracer suitable for any environment. |  COMPACT & LIGHTWEIGHT
Compact design for easy portability and comfortable use, making it ideal for any environment |
|  HIGH-PERFORMANCE ALARMS
Equipped with audible, visual and vibrating alarms to ensure prompt awareness in a hazardous situation |  EVENT LOGGING
Automatically logs up to 30 events, allowing for easy tracking and record-keeping |
|  EASY CONFIGURATION
Easy to 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, making the Duo Tracer accessible for all. |



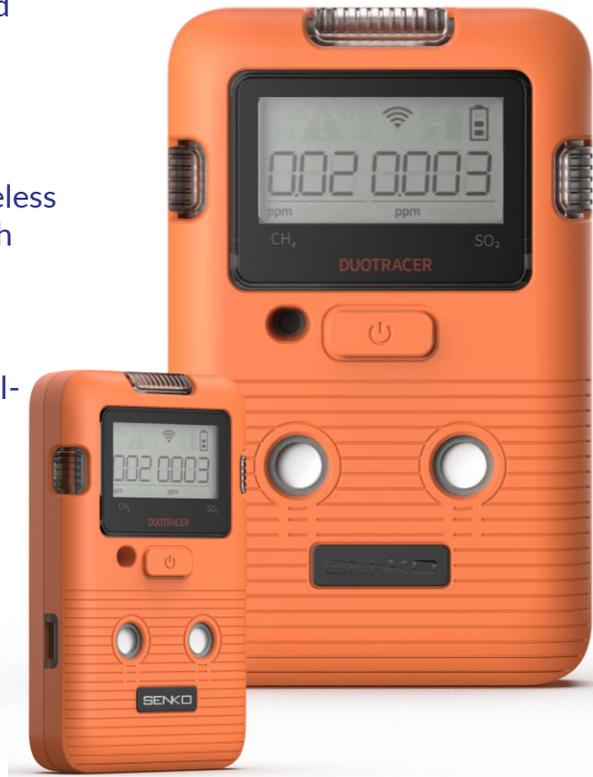
WHY CHOOSE US

-  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/SOCl ₂) 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 Thionyl chloride (Li/SOCl ₂) and power supply unit/ More than 200 days in normal operating (O ₂ and CH ₄ 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

Duo Tracer Combinations

	Sensor One	Sensor two
Duo Tracer-1	O ₂	CH ₄
Duo Tracer-2	O ₂	CO ₂
Duo Tracer-3	O ₂	CO
Duo Tracer-4	O ₂	H ₂ S
Duo Tracer-5	O ₂	SO ₂
Duo Tracer-6	O ₂	H ₂
Duo Tracer-7	O ₂	NO ₂
Duo Tracer-8	O ₂	NH ₃
Duo Tracer-9	O ₂	O ₃
Duo Tracer-10	NO ₂	CO
Duo Tracer-11	NO ₂	H ₂ S
Duo Tracer-12	NO ₂	SO ₂
Duo Tracer-13	SO ₂	H ₂ S
Duo Tracer-14	SO ₂	CO
Duo Tracer-15	NH ₃	CO
Duo Tracer-16	H ₂ S	CO

SENKO

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