

ALTAIR® PRO CO Steel Single-Gas Detector



Handheld CO detector for use in steel mills. Uses hydrogen-resistant, fast-responding CO sensor. Triple alarm. Reliable, durable, easy to use.

- Hydrogen-resistant CO sensor
- Software prevents disabling of alarms by users (unit does not turn off)
- Tough rubberized housing
- One-button operation
- Displays information on a large, clear, backlit LCD
- Excellent impact resistance
- Great RFI performance
- Adjustable alarm set points offered for Low, High, TWA, & STEL
- Alarms indicated by flashing LEDs, audible alarm, and internal vibrating alarm

Ease of Use

The ALTAIR Pro CO Steel Detector combines user flexibility and functional simplicity. True single-button operation provides the user with a clear path to any function, including alarm check, bump test, fresh air setup and calibration. The unit uses an easily replaceable, commercially available battery and has a built-in gas-delivery adapter.

Distinctive Alarm System

A triple alarm system leaves no doubt for the user in an alarm situation. The piercing audio alarm is an average of 95 dB @ 1 foot and is designed not to be confused with other workplace sounds. The visual alarm features dual bright LED displays located on top of the instrument which can be seen from all angles. An internal vibrating alarm also comes standard with all units. Low, high, TWA, and STEL alarm points are adjustable.

Sensors

The ALTAIR Pro CO Steel Detector uses the fast-responding 20 Series H₂ resistant CO sensor and meets UL, cUL, ATEX, and Australian standards. The sensor simply plugs in to the internal circuit board, making replacement a snap.

Built-In IR Communication (Event and Data-Logging)

Data-logging is a standard feature on the ALTAIR Pro CO Steel Detector. It will automatically record the 50 latest events in the session log, while simultaneously recording the peak reading every 3 minutes in a periodic data log. Combined, these two tools provide a great way to assess alarm conditions, confirm bump tests or calibration, and verify employee exposure. MSA FiveStar Link Software allows you to view these logs, adjust alarm set points, give

the unit a specific name, and disable or activate particular features and options. It is a one-stop, easy-to-follow control center for the unit.

Durability

The thick rubberized housing is designed to withstand accidental drops and other impacts. Metal screw inserts offer stability throughout the unit's lifetime. A durable suspension clip completes this tough outer shell.

The ALTAIR Pro CO Steel Detector is highly water-and-dust-resistant and is rated to IP67. This rating means that the unit is dust-tight and can survive water immersion based on given test protocols. The simple yet effective design innovatively seals the unit, exceeding the industry-average rating.

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Specifications

Weight :	4.0 oz including clip
Dimensions	3.4" x 2.0" x 1.0"
Gases and measuring ranges:	
Gas	Range
Carbon Monoxide	0-1500 ppm
Alarms	Average > 95 dB @ 30 cm, ultra-bright LEDs, vibrating alarm standard
Warranty	2 years not including battery
Instrument life	Indefinite with sensor and battery replacements. Sensor guaranteed for at least two years of operation
Operating T range	-20 to +50° C (-4 to +122° F)

Battery	Replaceable CR2 lithium camera battery (9000 hour installed life - typical)
Case	Polycarbonate with thick rubberized shell
Display	Large LCD with backlight
Humidity	10-95% RH non-condensing
Ingress Protection	IP67
Data Logging	50 latest events in session log Peak value every 3 minutes in periodic log (adjustable)
Certifications:	
US and Canada	Class 1, Division 1, Groups A, B, C and D
Europe	ATEX II 2G EEx ia IIC T4 -20°C to +50°C
Australia	Ex ia IIC T4 -20°C to +50°C

Instrument Type	P/N	Low Alarm	High Alarm	STEL	TWA
Carbon Monoxide (CO) Steel	10076724	75 ppm	200 ppm	200 ppm	75 ppm

Accessories and Parts

Part Number	Description
710882	Cylinder, 60 ppm CO
467895	Regulator, 0.25 lpm
10030325	Tubing, 16"
710946	FiveStar Link with IR (data-logging)
10069894	Clip, stainless steel
10041105	Cellphone clip

Part Number	Description
10041107	Lanyard clip
10073346	Hardhat clip
10040002	Clip, suspender (standard)
10074132	3V CR2 battery
10074962	Replacement CO Sensor (CO Steel)

Note: This Bulletin contains only a general description of the products shown. While uses and performance capabilities are described, under no circumstances shall the products be used by untrained or unqualified individuals and not until the product instructions including any warnings or cautions provided have been thoroughly read and understood. Only they contain the complete and detailed information concerning proper use and care of these products.



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