



Safety & Specialty Products

# Carbon Monoxide Analyzer Monoxor® Plus



**NEW**

## Features & Benefits:

- Easy-to-read, high-contrast LCD screen with backlighting
- Fast, accurate measurement of CO (in 1 ppm increments) as well as ambient\* and flue gas temperatures\* (with optional thermocouples) and differential temperature capability
- Real-time display with trending graph, CO ambient test, self-diagnostics, calibration reminders and 10-record internal memory
- Internal diaphragm pump with detachable probe & hose assembly (optional inline NO<sub>x</sub> filter available)
- Default CO alarm setting with user-changeable set-point
- Minimum 20 hours of run-time on 4 AA replaceable batteries
- "Plug-n-play" B-Smart® pre-calibrated sensors enable simple in-field replacement for convenience and low cost of ownership.



*Standard and graphic trending screen toggle options for real-time data display.*

## Advanced, Easy-To-Use Carbon Monoxide Analyzer

Bacharach's Monoxor® Plus is an advanced, yet affordable, portable carbon monoxide analyzer that delivers quick, accurate CO (0 - 2,000 ppm) and optional temperature measurements for residential and commercial contractors, safety technicians and weatherization specialists to efficiently perform indoor air quality and safety checks. In addition to ambient air CO readings, its probe and hose assembly (with water trap/filter) enables direct CO sampling of flue gases, residential furnaces, gas appliances or commercial boilers. Analysis is instant and intuitive with push-button operation, selectable display options and easy set-up. Its inactivity shut-off feature is disabled when CO readings exceed 50 ppm.

Made in the USA, the Monoxor® Plus provides reliable, long-running performance in a handheld unit and utilizes exclusive B-Smart® pre-calibrated CO sensor technology to enable in-field sensor replacement and minimize instrument downtime and maintenance costs. An optional reporting kit with wireless IrDA magnetic printer for documenting time/date coded results is available as well as PC software for custom configuration.

## Efficient Readings

The Monoxor® Plus reduces service call times by providing accurate, electronic test results instantly

## Accurate Operation

Tactile feedback from the instrument's keypad assures that the appropriate key has been pressed

## Ergonomically Designed

The instrument is light and fits in the palm of your hand, making it easy to handle.

## Long Battery Life

Four replaceable alkaline batteries typically provide over 20 hours of continuous operation. An automatic inactivity shut-off feature helps to conserve battery life.

## Featuring B-Smart® Sensors

The B-Smart® Sensor Exchange Program allows users to replace pre-calibrated sensors in the field, eliminating the need to send the instrument in for calibration. With the B-Smart® Sensor Exchange Program, you receive factory-calibrated sensors, just plug them in and continue to use your instrument – there's no downtime and it saves time and money.



## Monoxor® Plus Product Specifications

<b>Measurement Ranges:</b>	
<b>Carbon Monoxide (CO)</b>	0 - 2,000 ppm in 1 ppm increments
<b>Flue Gas Temperature</b>	-4° F to 1,202° F (-20° C to 650° C) - <i>requires optional probe 0019-7111</i>
<b>Detection Principle:</b>	Electrochemical Sensor
<b>Accuracy (CO):</b>	±5% of reading or ±10 ppm (whichever is greater)
<b>Warm-Up Time:</b>	30 seconds minimum; 60 seconds maximum
<b>Display:</b>	Monochrome LCD with backlighting
<b>Operating Temperature Range:</b>	23° F to 113° F (-5° C to 45° C)
<b>Operating Humidity Range:</b>	15 - 90% RH (non-condensing)
<b>Dimensions:</b>	8.0"h x 3.6"w x 2.3"d (20.3 cm x 9.1 cm x 5.8 cm)
<b>Weight:</b>	16 oz. with batteries (0.45 kg)
<b>Power:</b>	4 AA Alkaline batteries (included)
<b>Run Time:</b>	Minimum 20 hours, typical battery life
<b>Approvals:</b>	EN 50270 (CE mark)
<b>Warranty:</b>	Instrument, CO Sensor - 2 Years
<b>Display Languages Available:</b>	English, French and Spanish

## Monoxor® Plus Ordering Information

<b>0019-8117</b>	Monoxor® Plus (instrument comes with 6 ft. probe/hose assembly and water trap/filter, 4 AA batteries, hard-carry case and instruction manual)
<b>0019-8118</b>	Monoxor® Plus Kit (instrument comes with 6 ft. probe/hose assembly and water trap/filter, wireless IrDA magnetic printer, 8 AA batteries, USB cable, PC software, hard-carry case and instruction manual)

## Monoxor® Plus Replacement Parts & Accessories

<b>0024-1400</b>	Wireless IrDA Magnetic Printer with Disposable Batteries
<b>0024-1310</b>	Printer Paper (5 rolls)
<b>0024-1461</b>	Protective Boot with Magnet
<b>0024-1505</b>	NO <sub>x</sub> Filter Kit
<b>0019-3265</b>	Replacement Water Trap/Filter Assembly (for probe assembly)
<b>0024-1467</b>	B-Smart® pre-calibrated CO sensor
<b>0024-7265</b>	CO sensor (uncalibrated)
<b>0019-7110</b>	Probe / hose assembly; 6 ft. (without thermocouple)
<b>0019-7111*</b>	Probe / hose assembly; 6 ft. (with thermocouple for flue gas temp.)
<b>0051-1994</b>	CO gas cylinder, 100 ppm
<b>0024-7059</b>	Calibration Kit (without gas)
<b>0104-1798+</b>	Thermocouple 1 in. (for ambient air temperature)
<b>0104-1797</b>	Thermocouple 10 ft.

Ordering Information: Part No. BA2002, BA2003

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In support of our policy of continuous product improvement we reserve the right to change materials and specifications without notice. Drawings, where used, are not to scale. All dimensions are in millimetres and sizes given are approximate. Where possible, technical MSDS data sheets are made available on the website. All products should be installed and used in accordance with manufacturer's instructions provided. Warning: products may be the subject of registered designs and patents. Refer to website for terms and conditions on warranty.

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