






	Fyrite® InTech®	Fyrite® Insight® Plus	PCA® 400	Monoxor® Plus	Monoxor® XR
APPLICATIONS	Residential Furnaces	Residential & Commercial Furnaces	Commercial Boilers, Engines & Compressors	Residential Furnaces & Safety Inspection	Exhaust & Emissions Testing
SENSORS	2	2	4	1	1
DRAFT	—	±40 in H ₂ O (±100 mbar)	±72 in H ₂ O (±179 mbar)	—	—
CO	0 – 2,000 ppm	0 – 4,000 ppm	0 – 10,000 ppm (20,000 with dilution) & 0 – 40,000 (80,000 with dilution)	0 – 2,000 ppm	0 – 80,000 ppm
CO _{HIGH}	—	—	0 – 40,000 ppm	—	—
O ₂	0 – 20.9%	0 – 20.9%	0 – 20.9%	—	—
NO	—	—	0 – 3,000 ppm	—	—
NO ₂	—	—	0 – 500 ppm	—	—
SO ₂	—	—	0 – 5,000 ppm	—	—
MOBILE APP	Data Transfer, Reporting	Data Transfer, Reporting	Data Transfer, Reporting Remote Operation	Data Transfer, Reporting	Data Transfer, Reporting
PRE-CALIBRATED SENSORS	Sensor Replacement Program	Sensor Replacement Program	Sensor Replacement Program	Sensor Replacement Program	Sensor Replacement Program
FURNACE TUNING SOFTWARE	—	Tune-Rite™	—	—	—
MEMORY LOCATIONS	10	100	500	10	100
					

SCAN THE QR CODES TO LEARN MORE ABOUT EACH PRODUCT!

The Combustion Mobile App

The Bacharach Combustion App gives technicians the ability to generate and send customizable combustion reports from their smartphone / tablet, eliminating the need for a printer.



Features:

- Set up customer profiles with facility and equipment information
- Save and view records of test data
- Generate reports in PDF, CSV, or XML format using saved records
- Send or share a report file as an email attachment or to a cloud storage service



Note: This Bulletin contains only a general description of the products shown. While product uses and performance capabilities are generally described, the products shall not, under any circumstances, be used by untrained or unqualified individuals. The products shall not be used until the product instructions/user manual, which contains detailed information concerning the proper use and care of the products, including any warnings or cautions, have been thoroughly read and understood. Specifications are subject to change without prior notice. MSA is a registered trademark of MSA Technology, LLC in the US, Europe, and other Countries. For all other trademarks visit <https://us.msasafety.com/Trademarks>.

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MSA
The Safety Company

COMBUSTION ANALYZERS

PCA® 400

Combustion & Emissions Analyzer for Commercial & Industrial Applications



The MSA Bacharach® PCA® 400 is a handheld versatile combustion and emissions analyzer for commercial and individual applications. The analyzer may be configured for up to 4 gas sensors, including O₂, CO, NO, NO₂ and SO₂. The PCA® 400's portable and durable design is ideal for testing, tuning, and maintaining burners, engines, furnaces and variety of other commercial and industrial combustion applications.

- Up to 4 gas sensors for O₂, CO, NO, NO₂ and SO₂
- Wireless Bluetooth® connection to mobile app for real-time combustion measurements and remote operation
- Long life O₂ sensor with 5 year warranty reduces maintenance costs and downtime

Fyrite® Insight® Plus



Residential & Commercial Furnaces

- Provides readings for O₂, CO, CO₂, combustion efficiency, temperature and draft
- Tune-Rite™ HVAC assistant
- Long life O₂ sensor with 3 year warranty

Monoxor® Plus



Residential Furnaces & Safety Inspection

- Provides CO readings for flue gas or ambient air testing
- Audible automatic CO alarm alerts technicians to potentially dangerous levels of CO
- View real-time CO readings in graphical or standard formats

Fyrite® InTech®



Residential Furnaces

- Provides readings for O₂, CO, CO₂, combustion efficiency and temperature
- Combustion App allows users to quickly create custom reports with comments and send via email (available for Android & iOS)
- Intuitive and fast menu navigation

Monoxor® XR



Exhaust & Emissions Testing

- Measure CO in ambient air and exhaust gas from engines up to 80,000 ppm with audible automatic CO alarm
- Flexible exhaust probe allows for hands-free sampling from exhaust pipes
- Mobile app allows users to create and share customizable emissions reports



Large Color Touch Display

Provides simple operation and easy-to-see results.



All Day Power

Typical 12 hour run time with standard Li-Ion rechargeable. 4x AA batteries or AC power also available.



Sensor Exchange Program

Eliminates field calibrations and cal gases with simple, pre-calibrated sensor exchange using Near Field Communication (NFC) to transfer calibration data. The sensor exchange program includes a factory certificate of calibration.



Bluetooth®

Standard Bluetooth® wireless technology enables real-time data streaming to smartphones, tablets.

For more information, visit
www.mybacharach.com/combustion

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