Click Here\* for more information or to view this product on The Safety Equipment Store® website.



# Combustion Analyzers

#### 4.0 % co 140 ppm 9.5 NO NO 16 ppm 4.0 ppm NO<sub>x</sub> 20 ppm 374 °F T-AIR EFF 79.3 "F 82.9 % 21.4 % EA NO(0) 20 ppm NO<sub>2</sub>(0) 5 ppm ▶ 🗠 = 💾 🖷 C **H**A **B**-SMART

#### 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 industrial applications. The analyzer may be configured for up to 4 gas sensors, including O<sub>2</sub>, CO, NO, NO<sub>2</sub> and SO<sub>2</sub>. 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.

- $\bullet$  Up to 4 gas sensors for O2, CO, NO, NO2 and SO2
- Wireless Bluetooth<sup>®</sup> connection to mobile app for real-time combustion measurements and remote operation
- $\bullet$  Long life  $\mathsf{O}_2$  sensor with 5 year warranty reduces maintenance costs and downtime



## Large Color Touch Display

Provides simple operation and easy-to-see results.



## All Day Power

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



#### **Sensor Program**

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



## Bluetooth®

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



## Fyrite<sup>®</sup> Insight<sup>®</sup> Plus

#### Residential & Commercial Furnaces

- Provides readings for O<sub>2</sub>, CO, CO<sub>2</sub>, combustion efficiency, temperature and draft
- Tune-Rite<sup>™</sup> assistant software with guidance, real-time feedback, and troubleshooting recommendations
- Long life O<sub>2</sub> sensor with 3-year warranty



#### Fyrite<sup>®</sup> InTech<sup>®</sup> Residential Furnaces

- Provides readings for O<sub>2</sub>, CO, CO<sub>2</sub>, 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

SAFEGUARDING PEOPLE, PLACES & 뛷PLANET



## **Product Comparison Chart**

	Fyrite <sup>®</sup> InTech <sup>®</sup>	Fyrite® Insight® Plus	PCA* 400
APPLICATIONS	Residential Furnaces	Residential & Commercial Furnaces	Commercial Boilers, Engines & Compressors
SENSORS	2	2	4
DRAFT	-	±40 in H <sub>2</sub> 0 (±100 mbar)	±72 in H <sub>2</sub> 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)
CO <sub>HIGH</sub>	-	-	0 – 40,000 ppm
0,	0 - 20.9%	0 - 20.9%	0 – 20.9%
NO	-	-	0 – 3,000 ppm
NO <sub>2</sub>	-	-	0 – 500 ppm
SO <sub>2</sub>	-	-	0 – 5,000 ppm
MOBILE APP	Data Transfer, Reporting	Data Transfer, Reporting	Data Transfer, Reporting Remote Operation
PRE-CALIBRATED SENSORS	Field Replaceable	Field Replaceable	Field Replaceable
FURNACE TUNING SOFTWARE	-	Tune-Rite™	-
MEMORY LOCATIONS	10	100	500
	MORE INFORMATION	MORE INFORMATION	MORE INFORMATION



# 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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**4900-056-MC / 10.2023** © MSA 2023

