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 industrial applications. The analyzer may be configured for up to 4 gas sensors, including O_2, CO, NO, NO_2 and SO_2. 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 O_2, CO, NO, NO_2 and SO_2
- Wireless Bluetooth® connection to mobile app for real-time combustion measurements and remote operation
- Long life 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-Ion 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® Insight® Plus

Residential & Commercial Furnaces

- Provides readings for O_2, CO, CO_2, combustion efficiency, temperature and draft
- Tune-Rite™ assistant software with guidance, real-time feedback, and troubleshooting recommendations
- Long life O_2 sensor with 3-year warranty

Fyrite® InTech®

Residential Furnaces

- Provides readings for O_2, CO, CO_2, 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 & THE PLANET

Product Comparison Chart

	Fyrite® InTech®	Fyrite® Insight® Plus	PCA® 400
APPLICATIONS	Residential Furnaces	Residential & Commercial Furnaces	Commercial Boilers, Engines & Compressors
SENSORS	2	2	4
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)
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
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

MSA operates in over 40 countries worldwide. To find an MSA office near you, please visit **MSAsafety.com/offices**.

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