

PCA²



PCA2 Portable Combustion Analyzer

The PCA[®] 2 is a commercial-grade, hand-held, combustion efficiency analyzer for on demand or semi-continuous sampling of light industrial, institutional, commercial and residential furnaces, boilers and appliances. The PCA[®] 2 is the perfect tool for service technicians and boiler contractors who need to ensure safe operating conditions, determine combustion efficiency or perform emissions testing in combustion applications.

The PCA[®] 2 directly measures and displays flue gas Oxygen (O₂), Carbon Monoxide (CO), Stack Temperature, Draft, Differential Pressure, Combustion Air Temperature and optionally measures and displays Nitric Oxide (NO), Nitrogen Dioxide (NO₂) and Sulfur Dioxide (SO₂). Simultaneously, the PCA[®] 2 calculates and displays combustion efficiency (EFF), Excess Air (EA), Carbon Dioxide (CO₂), NO_x and Oxygen reference values. The PCA[®] 2 performs combustion calculations for ten fuels including, Natural Gas, Oil #2, Oil #4, Oil #6, Propane, Coal, Wood, Kerosene, Bagasse and Digester Gas. The large backlit graphic display shows eight different measurements and calculated values simultaneously, and also has zoom capabilities.

Smart Sensors

- Field replaceable
- Pre calibrated
- Easy access
- Quick and accurate response

Measures 4 Gases Simultaneously

- Standard - O₂, CO-H₂
- Optional - CO (high), NO, NO₂, & SO₂

Automatic CO Overage Protection

Versatile Power Management

- Disposable batteries
- Rechargeable batteries
- Optional universal power supply

Graphic Display

- 160 x 160 graphic liquid crystal display
- Easy to read
- Backlit
- Zoom

For more information including specifications and ordering information, please visit our website www.bacharach-inc.com or contact customer service at **724-334-5000**.