# Insight® Plus Combustion Analyzer
## For Residential and Commerical Applications

**BACHARACH®**



Backlit color
LCD display



Combustion App

[App Store badge]
[Android App Store badge]

## DESCRIPTION

Bacharach's Insight® Plus is the ideal combustion analyzer for both entry-level and experienced residential or commercial HVAC technicians providing readings for $O_2$, CO, $CO_2$, Combustion Efficiency, Temperature, & Draft. Bacharach's exclusive Tune-Rite™ software allows for fast and simple combustion analysis and troubleshooting to ensure safe operating conditions and determine combustion efficiency. The Insight® Plus is available with precalibrated, B-Smart® sensors to minimize downtime and maintenance costs. The Combustion mobile app (available for Android & iOS) allows users to create and send customizable combustion reports on-site.

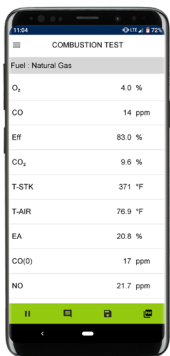| FEATURES | BENEFITS |
|---|---|
| Readings for $O_2$, CO, $CO_2$, Combustion Efficiency, Temperature, & Draft | All-in-one tool making combustion tuning fast and simple. |
| Industry-exclusive Tune-Rite On-demand HVAC Assistant | Analyzes combustion data and provides real-time troubleshooting suggestions |
| Combustion App | Quickly create custom reports with comments and send via email (available for Android & iOS). |
| Long Life $O_2$ Sensor (3 Year Warranty) | Reduced maintenance cost and downtime |
| Automatic Sensor Protection | Protects sensors in the toughest combustion environments, extending life |
| IR Printer with magnet | Print combustion and emissions reports in the field |
| Ambient CO Monitor | Check for dangerous levels of ambient CO |
| Precalibrated, B-Smart® Sensors | Quick and easy sensor replacement in the field & reduced downtime (doesn't require cal. gas) |

**B-SMART SENSORS**

Automatic delivery of precalibrated sensors to your door to eliminate field calibration and minimize maintenance

## HOW TO CONTACT US:

US Customer Service:      +1 724 334 5000
EU Customer Service:      +353 1 284 6388
CAN Customer Service:   +1 905 882 8985

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**mybacharach.com**

## FOR MORE INFO:

Scan the QR code to learn more about the Fyrite® Insight® Plus and other Bacharach products.

[QR code]

| SPECIFICATIONS | DESCRIPTION |
|---|---|
| $O_2$ | 20.9% |
| CO (w/ integrated $NO_x$ filter) | 0 to 4,000 ppm |
| Stack Temperature | -4 to 1,202°F (-20 to 650°C) |
| Ambient Temperature | -4 to 600°F (-20 to 316°C) |
| Draft / Differential Pressure | ±40 in$H_2$O (±10 mbar) |
| Fuels | Natural Gas, Coal, Oil 2/4/6, Wood, Kerosene, Propane, Butane, LPG, B5, KOKS, LEG, Biofuel and two optional custom fuels |

| PRODUCT DETAILS | DESCRIPTION |
|---|---|
| Display | 2.8" (72 mm) backlit, color LCD |
| Display Languages | English, Spanish, French |
| Power | 4 × AA Disposable Alkaline Batteries ≈ 15 hours |
| Size (H × W × D) | 8.0" × 3.6" × 2.3" (20.3 × 9.1 × 5.8 cm) |
| Weight | 1 lb. (0.45 kg) including batteries |
| Memory | 100 records |
| Communications | USB 2.0 (mini-B), IrDA |
| Approvals | CE, EN 50379-1 & -3 |
| Warranty | 2 years (including sensors) 3 years for long-life $O_2$ sensor, if equipped |

| PART NUMBERS * | DESCRIPTION |
|---|---|
| 0024-8517 | Fyrite® Insight® Plus (analyzer, 12" probe, 6' sample hose assembly, 3 × particulate filters, protective rubber boot and rugged protective carrying case) |
| 0024-8518 | Fyrite® Insight® Plus & Reporting Kit (IrDA wireless printer, USB cable and Fyrite® User Software) |

**\* Siegert configurations available.**