



NEW



Fyrite®  
**INSIGHT**  
Real Time Data — Real Time Results



## RESIDENTIAL COMBUSTION ANALYZER

The Fyrite® INSIGHT is the only five-in-one residential combustion analyzer that utilizes PC software and the new "B-Smart™ Sensors' technology" which allow on-site calibrations, system upgrades and simple customizable features. This steady state combustion analyzer is a room air CO test instrument, flue gas CO tester, dual channel digital thermometer (up to 999°F), digital manometer and is capable of measuring eight different fuels.

# Product Features

## Five Tools in ONE!

- Combustion and efficiency analyzer – (8) different fuels
- Room air CO test instrument
- Flue gas CO tester (CO air free)
- Dual channel digital thermometer
- Digital manometer (draft, gas pressure, ESP, up to +100 INWC)

## New B-Smart™ Technology

- Self calibration
- Easy access to sensors

## User Diagnostics

- O<sub>2</sub> sensor life indication
- Calibration reminders

## Graphic LCD Display

- Backlight, custom readout and zoom feature

## PC Based Software and Reporting Package (Optional)

- Customize with your company logo
- Upload custom fuels
- Software updates
- Test data storage



## Specifications

<b>Measurement Ranges</b>	Combustion Air/Ambient Air Temperature	-4 to 600°F (-20 to 316°C)
	Flue Gas Temperature	-4 to 1200°F (-20 to 649°C)
	Oxygen	0.0 to 20.9% O <sub>2</sub>
	Carbon Monoxide	0 to 2,000 ppm CO
	Draft / Differential Pressure	-100 to +100 INWC
<b>Calculated Ranges</b>	Combustion Efficiency	0.1 to 100%
	Carbon Dioxide	0.1 to a fuel dependent max. value in percent
	Carbon Monoxide (air free)	0 to 9,999 ppm
	Excess Air	0 to 250%
<b>Selectable Fuels</b>	Natural Gas	
	Oil #2, Oil #4, Oil #6	
	Propane, Coal, Wood	
	Kerosene	
<b>Power</b>	Four disposable AA alkaline batteries (included)	
<b>Battery Life</b>	Minimum of 20 hours	
<b>Size</b>	8.0"H x 3.6"W x 2.3"D	
<b>Weight</b>	16 oz. with batteries	
<b>Warranty</b>	2 years, including sensors	



## Ordering Information

# 0024-8250	Fyrite® INSIGHT Basic	INSIGHT, hard carrying case, boot, probe assembly and instructional DVD
# 0024-8251	Fyrite® INSIGHT with Reporting Package	INSIGHT, hard carrying case, boot, probe assembly, software, instructional DVD, USB cable and IrDA printer

## Benefits

### Grow Your Business

- Install more efficient systems, saving your customer money
- Increase repeat business
- Validate safe operation
- Provide digital documentation



### Save Time and Money

- No downtime due to sensor calibration or replacement
- Reduce callbacks
- PC and internet updates
- Simple to use with customizable display and measurement options

### Experience the Highest Quality of Innovation and Reliability

- Made in the USA
- Uses state of the art technology to measure, analyze and report
- Improves creditability and confidence for you and your customer

## Distributed By:

