

# PRODUCT DATA



## Fyrite® Tech 50 & 60 Residential Combustion Analyzers

The Fyrite Tech Analyzers offer service technicians the easiest and most affordable way to gain the benefits of electronic-combustion testing.

### Easy to Use

With the Fyrite Tech you are up and ready to test in 3 easy steps:

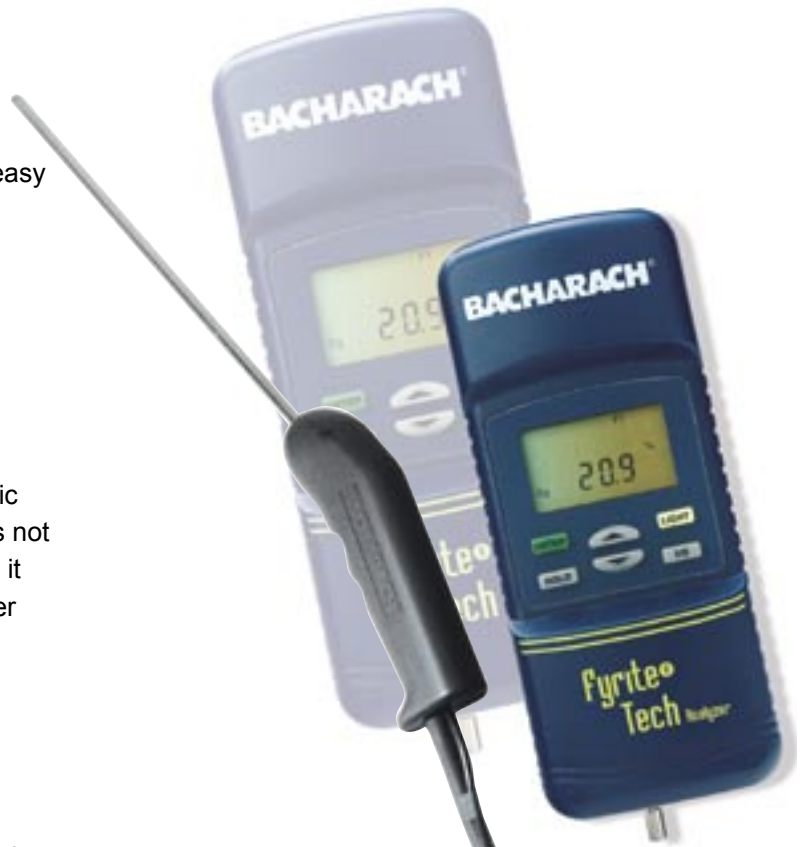
- 1 Turn the unit ON
- 2 Select the fuel
- 3 Insert the probe

### Affordable

Some service technicians may shy away from electronic combustion analyzers due to cost. The Fyrite Tech was not only designed to provide “*The Measurable Difference*,” it was priced to be the most affordable electronic analyzer currently on the market.

### Accuracy

It used to be that gas and oil fired residential furnaces and appliances could be adequately serviced by conducting visual tests. But with today’s highly efficient equipment designed to comply with regulatory, environmental and safety concerns, “eye-balling the flame” is no longer a sufficient way to test. Based on the winning technology platform of the Fyrite Pro Analyzers, the Fyrite Tech offers service technicians an economical means to achieve greater precision than can be obtained with visual tests. From Carbon Monoxide testing to Oxygen and stack temperature measurement, the Fyrite Tech lets technicians instantly gather the precise measurements needed to ensure the safe, compliant, and efficient operation of residential fuel-burning appliances and furnaces.



Fyrite Tech 50	Fyrite Tech 60
<b>Measures:</b> <ul style="list-style-type: none"><li>• O<sub>2</sub></li><li>• Stack Temperature</li></ul>	<b>Measures:</b> <ul style="list-style-type: none"><li>• O<sub>2</sub></li><li>• Stack Temperature</li><li>• CO</li></ul>
<b>Calculates:</b> <ul style="list-style-type: none"><li>• Combustion Efficiency</li><li>• CO<sub>2</sub></li><li>• Excess Air</li></ul>	<b>Calculates:</b> <ul style="list-style-type: none"><li>• Combustion Efficiency</li><li>• CO<sub>2</sub></li><li>• CO (Air Free)</li><li>• Excess Air</li></ul>

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## Features & Benefits

- **Affordable**  
The most affordable combustion analyzer currently on the market.
- **Simple to use**  
Turn the unit on, select the fuel, and insert the probe. It's that easy.
- **Quick payback**  
The Fyrite Tech reduces service call time by providing accurate, electronic test results instantly.
- **Accurate operation**  
Tactile feedback from the instrument's keypad assures that the appropriate key has been pressed.
- **Purchase protection**  
Our two-year warranty on each analyzer and its sensors ensures worry-free operation.
- **Ergonomically designed**  
The instrument is lightweight and fits in the palm of your hand, making it easy to handle.
- **Long battery life**  
Four alkaline batteries typically offer 24 hours of continuous operation with an automatic "power off" feature that saves energy.
- **High quality**  
Based on the same technology as the Fyrite Pro Combustion Analyzers.

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## Specifications

### Measurement Ranges:

Flue Gas Temperature ..... 0 to 999 °F (-18 to 537 °C)  
Oxygen ..... 0.0 to 20.9% O<sub>2</sub>  
Carbon Monoxide ..... 0 to 2,000 ppm CO

### Calculated Ranges:

Combustion Efficiency ..... 0.1 to 99.9%  
Carbon Dioxide ..... 0.0 to a fuel dependent maximum (in %)

**Selectable Fuels:** ..... Natural Gas (F1)  
Oil #2 (F2)  
Propane (F3)  
Oil #6 (F4)

**Power** ..... Four disposable AA alkaline batteries (included)

**Battery Life** ..... Over 24 hours of continuous operation

**Size** ..... 7.5"H x 3"W x 2.2"D

**Weight** ..... 16 oz. with batteries

**Warranty** ..... 2 years, including sensors

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## Ordering Information

- 24-8216** Fyrite Tech 50, Soft Pouch, Probe, and 4 AA Batteries
- 24-8217** Fyrite Tech 60, Soft Pouch, Probe, and 4 AA Batteries
- 21-7006** True Spot Smoke Test Set
- 24-1127** Protective Boot w/ Magnet
- 24-0865** Hard Carrying Case
- 24-7059** Calibration Kit
- 51-1994** Calibration Gas (100 ppm CO)



621 Hunt Valley Circle, New Kensington, PA 15068  
PH: 724-334-5000 FAX: 724-334-5001  
WEBSITE: [www.bacharach-inc.com](http://www.bacharach-inc.com)  
E-MAIL: [help@bacharach-inc.com](mailto:help@bacharach-inc.com)