Residential Combustion Analyzer
Fyrite® Tech

Fyrite® Tech
Features & Benefits:

- Low cost combustion analyzer
- Direct measurement of O_2, CO, stack and ambient temperature
- Calculated measurement of combustion efficiency CO_2, CO (air-free) and excess air
- Lightweight and long run time

Based on the same technology as Bacharach's Fyrite® commercial units, the Fyrite® Tech is an affordable residential combustion analyzer that reduces service call time by providing accurate, electronic test results instantly. The Fyrite® Tech is designed to calculate the efficiency of residential furnaces and combustion appliances by measuring the stack temperature and the percent oxygen level in the flue-gas stream.

Affordable and Simple to Operate

The Fyrite® Tech gives quick and accurate measurement of oxygen (O_2) 0-20.9%, carbon monoxide (CO) 0-2,000 ppm, stack temperature (0 to 999° F) and ambient temperature (32 to 212° F). With easy push-button operation, the Fyrite® Tech provides accurate operation by assuring that the appropriate key has been pressed. Fyrite® Tech analyzers are lightweight, ergonomically designed and are easy to use: simply turn the unit on, select the fuel type (natural gas, oil #2, propane or kerosene) and insert the probe. It's that easy.

Fyrite® Tech

Features & Benefits:

- **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

- **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 up to 18 hours of continuous operation with an automatic "power off" feature that saves energy

Fyrite® Tech Specifications

Measurement Ranges:	
Ambient Temperature	32 to 212° F (0 to 100° C)
Flue Gas Temperature	0 to 999° F (-18 to 537° C)
Oxygen (O_2)	0.0 to 20.9%
Carbon Monoxide (CO)	0 to 2,000 ppm
Calculated Ranges:	
Combustion Efficiency	0.1 to 99.9%
Carbon Dioxide (CO_2)	0.1 to a fuel dependent maximum (in %)
Carbon Monoxide (Air Free)	0 to 9,999 ppm
Excess Air	0 to 400%
Selectable Fuels:	Natural Gas (F1), Oil #2 (F2), Propane (F3), Kerosene (F4)
Dimensions:	7.5" H x 3.1" W x 2.1" D (48.39 cm x 20 cm x 13.55 cm)
Weight:	16 oz (0.45 kg) with Batteries
Power:	4 AA Alkaline Batteries (Included), Up to 18 Hours of Continuous Runtime, Typical
Warranty:	Instrument and Sensors - 2 Years

Fyrite® Tech Ordering Information

0024-8217	Fyrite® Tech 60 (Includes probe, 4 AA Batteries, soft carrying case and instruction manual)
0024-8266	Fyrite® Tech 60 European Model*
0024-8226	Fyrite® Tech 60 Kit - without printer (Includes rubber boot, probe, 4 AA Batteries, hard carrying case and instruction manual)
0024-8326	Fyrite® Tech 60 Kit - with printer
0024-8227	Fyrite® Tech 60 Starter Kit (Includes rubber boot, instruction manual, Draftrite® pocket gauge, True Spot® test kit and hard carrying case)
	European based Calculations

Fyrite® Tech Replacement Parts & Accessories

0024-1400	IrDA Printer w/ Disposable Batteries
0024-1310	Printer Paper (5 rolls)
0024-1127	Protective Boot with Magnet
0024-0865	Hard Carrying Case
0019-7111	Angled Probe & Hose Assembly w/ Sample & Thermocouple Lines
0019-3265	Replacement Water Trap/ Filter Assembly (for Probe Assembly)
0007-1644	Replacement Filters for Water Trap (package of 3)
0024-7059	Calibration Kit (Regulator and Tubing Only)
0051-1994	Calibration Gas (100 ppm CO)

Distributed By:

BACHARACH®
The Measurable Difference

MADE IN THE USA

ISO 9001:2008