Combustion Analyzers

A Century of Innovation & A World of Experience

BACHARACH
The Measurable Difference

100 Years

Residential Combustion Analyzer
Fyrite® InTech™

NEW

Hold   Oil 2
T-STK   520 °F
T-Air   76.8 °F
EA   56.8 %
CO(0)   119 ppm
Print Menu Save

BACHARACH®

F1 F2 F3

RUN/HOLD   ESC   PWR

Fyrite®
iNTECH™

Made in USA   with B-SMART SENSORS

with exclusive
B-SMART®
SENSORS

Features & Benefits:

- Easy-to-read, high-contrast LCD display with backlighting

- Low-cost combustion analyzer

- Direct measurement of O_2, CO (0-2,000 ppm), stack and ambient temperature

- Calculated measurement of combustion efficiency CO_2, CO (air-free) and excess air

- Internal data storage of 10 complete records

- Rugged, reliable, long-running performance in a light, handheld unit

- "Plug-n-play" B-Smart® pre-calibrated sensors enable simple in-field replacement, reducing instrument down-time and providing low cost of ownership.

Affordable, Easy-To-Use Combustion Analyzer

Based on the same technology as Bacharach's Fyrite® commercial units, the Fyrite® InTech™ is an advanced, American-made, residential combustion analyzer that delivers quick, accurate measurement of oxygen, carbon monoxide, stack temperature and ambient temperature. It helps to reduce service call times by providing accurate, electronic test results instantly via intuitive, push-button operation and a menu of selectable fuel types. A new, high-contrast LCD graphic display, with backlighting, makes your results easy to see in any environment and can be output via an optional wireless printer and reporting kit.

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, The Fyrite® InTech™ also features B-Smart® sensor technology which enables simple, in-the-field pre-calibrated sensor replacement, which minimizes instrument downtime and provides a low cost of ownership.

Quick Payback
The Fyrite® InTech™ reduces service call times 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 light and fits in the palm of your hand, making it easy to handle.

Long Battery Life
Four alkaline batteries typically offer up to 20 hours of continuous operation with an automatic "power off" feature that saves energy

Featuring B-Smart® Sensors
The B-Smart® Sensor Exchange Program allows users to replace pre-calibrated sensors in the field, eliminating the need to send the instrument in for calibration. With the B-Smart® Sensor Exchange Program, you receive factory-calibrated sensors, just plug them in and continue to use your instrument – there's no down time and it saves time and money.

Distributed By:

Fyrite InTech™ Product Specifications

Measurement Ranges:	
Ambient Temperature	23° F to 113° F (-5° C to 45° C)
Flue Gas Temperature	-4° F to 1,202° F (-20° C to 650° C)
Oxygen (O2)	0.0% to 20.9%
Carbon Monoxide (CO)	0 - 2,000 ppm
Calculated Ranges:	
Combustion Efficiency	0.1 to 100%
Carbon Dioxide (CO2)	0.1 to a fuel dependent maximum (in %)
Carbon Monoxide (Air Free)	0 to 9,999 ppm
Excess Air	0 to 250%
Selectable Fuels:	6 pre-programmed: Natural Gas, Oil #2, Oil #6, Kerosene, B5, and propane/LPG | (10 fuels available with Siegert version)
Data Capability:	Up to 10 complete records, internal storage
Dimensions:	8.0"h x 3.6"w x 2.3"d (20.3 cm x 9.1 cm x 5.8 cm)
Weight:	16 oz. with batteries (0.45 kg)
Power:	4 AA Alkaline batteries (included)
Run Time:	Minimum 20 hours, typical battery life
Approvals:	EN 50270, CE mark, EN 50379 (pending)
Warranty:	Instrument and CO sensor- 2 Years; O2 Sensor - 1 Year
Display Languages Available:	English, French, Spanish, Polish, German, Italian, Dutch, Danish

Fyrite® InTech™ Ordering Information

0024-8510	Fyrite® InTech™ (O2 Only, includes probe, 4 AA batteries, soft-carry case)
0024-8511	Fyrite® InTech™ (CO, O2, includes probe, 4 AA batteries, soft-carry case)
0024-8513	Fyrite® InTech™ European Model* (CO, O2, Includes probe, 4 AA batteries, soft-carry case)
0024-8523	Fyrite® InTech™ Kit - without printer (CO, O2, includes rubber boot, probe, 4 AA batteries, hard-carry case)
0024-8512	Fyrite® InTech™ Reporting Kit - (CO, O2, includes printer, rubber boot, probe, 8 AA batteries, hard-carry case, USB cable, Fyrite® User Software, spare filters)
0024-8514	Fyrite® InTech™ Reporting Kit European Model* - (CO, O2, includes printer, rubber boot, probe, 8 AA batteries, hard-carry case, USB cable, Fyrite® User Software, spare filters)
	* European based calculations.

Fyrite® InTech™ 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
0024-1505	NOx Filter Kit
0019-3265	Replacement Water Trap/ Filter Assembly (for Probe Assembly)
0007-1644	Replacement Filters for Water Trap (package of 3)