Combustion Analyzers

BACHARACH
The Measurable Difference

Residential Combustion Analyzer
Fyrite® InTech®

with exclusive B-SMART® SENSORS

Features & Benefits:

- "Plug-n-play" B-Smart® pre-calibrated CO sensor enables simple in-field replacement, reducing instrument down-time and providing low cost of ownership.
- Easy-to-read, high-contrast LCD display with backlighting and adjustable font size
- Direct measurement of O_2, CO (0-2,000 ppm), stack, ambient and combustion air temperatures
- Calculated measurement of combustion efficiency, CO_2, CO (air free) and excess air
- CO shut-off/protect feature prevents exposure to over-range conditions to prolong sensor life
- Up to 20 hours of continuous operation using four replaceable "AA" alkaline batteries

Affordable, Easy-To-Use Combustion Analyzer

The Fyrite® InTech® is an advanced, American-made, residential combustion analyzer that delivers quick, accurate measurement of oxygen, carbon monoxide and ambient, stack and combustion air temperatures. Its entry-level price point and low maintenance cost give contractors and technicians an affordable way to gain the convenience and efficiency of electronic combustion analysis. The InTech® features simple push-button operation, 6 selectable fuel types and can store up to ten complete records in memory or output unlimited records via the optional wireless printer and reporting kit.

Designed to calculate the efficiency of residential furnaces and combustion appliances by measuring the combuston air temperature, stack temperature and the percent oxygen level in the flue-gas stream, the Fyrite® InTech® delivers rugged, reliable performance in a light, handheld unit.

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 (O_2)	0.0% to 20.9%
Carbon Monoxide (CO)	0 - 2,000 ppm
Calculated Ranges:	
Combustion Efficiency	0.1 to 100%
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 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
Warranty:	Instrument, CO and O_2 Sensors - 2 Years
Display Languages Available‡:	English, French, Spanish, Polish, German, Italian, Dutch, Danish (‡depending on configuration)

Fyrite® InTech® Ordering Information

0024-8511	Fyrite® InTech® (CO, O_2, includes probe, 4 AA batteries, soft-carry case)
0024-8523	Fyrite® InTech® Kit - without printer (CO, O_2, includes rubber boot, probe, 4 AA batteries, hard-carry case)
0024-8512	Fyrite® InTech® Reporting Kit - (CO, O_2, includes printer, rubber boot, probe, 8 AA batteries, hard-carry case, USB cable, Fyrite® User Software, spare filters)
0024-8513	Fyrite® InTech® Siegert Model* (CO, O_2, includes probe, 4 AA batteries, soft-carry case)
0024-8514	Fyrite® InTech® Reporting Kit Siegert Model* - (CO, O_2, 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)
0024-1461	Protective Boot with Magnet
0024-0865	Hard Carrying Case
0024-1505	NO_X Filter Kit
0019-3265	Replacement Water Trap/ Filter Assembly (for Probe Assembly)
0007-1644	Replacement Filters for Water Trap (package of 3)

0024-8511

Distributed By:

BACHARACH
The Measurable Difference

BACHARACH IS A U.S. BASED MANUFACTURER

October 2014 - REV. 5 Printed in U.S.A.

TÜV SÜD ISO 9001