




Our popular Fyrite® Pro Residential Combustion Analyzer just got better. Service technicians have always been able to rely on the Fyrite® Pro to verify the performance and adjust residential furnaces and appliances quickly and easily. Now packed with new features such as memory and sensor strength, the Fyrite® Pro offers technicians the best features in measurement precision at an affordable price. We have even added money-saving kits to maximize your investment. (Look for the money-saving symbol  under the ordering information table.)



**new
features**



MEMORY CAPABILITY

Store up to 10 complete test records that can be recalled to the display and printed.

NEW SENSOR FEATURES

Displays O₂ sensor strength to indicate when the sensor needs to be replaced.

Automatic purge cycle will protect your CO sensor in the event of high CO readings during shut-off.

LOW MAINTENANCE OPERATION

Stronger pump and improved water trap design allows for easy particle filter replacement.

NEW ACCESSORIES

A new AC adapter (P/N 24-1254) provides you with an alternative power source and an easy way to economize on battery replacement.

All combustion models are now supplied with a protective rubber boot with magnet. The Fyrite Pro Model 125 is now supplied with a probe stop.



Probe P/N 19-7110
For Model 100
(Without thermocouple)

Probe P/N 19-7111
For Models 110 & 120
(With Thermocouple)



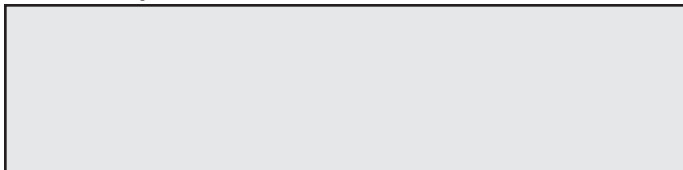
Probe P/N 24-7266
For Models 105 & 125

** Each Fyrite Pro that is equipped with Draft / Differential Pressure includes gas pressure test tubing with barbed fitting for ease of assembly line and manifold gas pressure measurement.




* Requires optional thermocouple P/N 104-1798 or 104-1797.

SPECIFICATIONS		
Measurement Ranges	Combustion Air/Ambient Air Temperature	32 - 212°F (0-100°C)
	Flue Gas Temperature	0 - 999°F (-18 to 537°C)
	Oxygen	0.0 to 20.9% O ₂
	Carbon Monoxide	0 to 2,000 ppm CO
	Draft / Differential Pressure	-10.0 to +27.0 in. WC
Calculated Ranges	Combustion Efficiency	0.1 to 99.9%
	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 400%
Selectable Fuels	Natural Gas (F1)	
	Oil #2 (F2)	
	Propane (F3)	
	Kerosene (F4)	
Power	Four disposable AA alkaline batteries (included)	
Battery Life	Up to 18 hours of continuous operation	
Size	7.5"H x 3.1"W x 2.1"D (19.0 cm x 7.9 cm x 5.3 cm)	
Weight	16 oz. with batteries	
Warranty	2 years, including sensors	

Distributed By:



Fyrite and Bacharach are registered trademarks of Bacharach, Inc.
© 2003, Bacharach, Inc. All rights reserved. All information herein is subject to verification.
Product Bulletin-4144 08/03 10M DXC HPC
Printed in U.S.A.

ORDERING INFORMATION			
Model P/N	MEASUREMENTS	CALCULATIONS	ACCESSORIES
Model 100 P/N 24-8200	Carbon Monoxide		Probe/Hose Assembly Hard Carrying Case
Model 100 Kit P/N 24-8201 	Carbon Monoxide		Probe/Hose Assembly Hard Carrying Case IrDA Printer
Model 105 P/N 24-8202	Carbon Monoxide **Draft **Differential Pressure		Probe/Hose Assembly Hard Carrying Case
Model 110 P/N 24-8103	Oxygen Flue Gas Temperature	Combustion Efficiency Excess Air Carbon Dioxide	Probe/Hose Assembly Hard Carrying Case Protective Rubber Boot
Model 120 P/N 24-8104	Oxygen Flue Gas Temperature Carbon Monoxide	Combustion Efficiency Excess Air Carbon Dioxide CO (air free)	Probe/Hose Assembly Hard Carrying Case Protective Rubber Boot
Model 125 P/N 24-8105	Oxygen Flue Gas Temperature Carbon Monoxide **Draft **Differential Pressure Combustion Air/Ambient Temp.	Combustion Efficiency Excess Air Carbon Dioxide CO (air free) *Delta Temperature	Probe/Hose Assembly Hard Carrying Case Protective Rubber Boot Probe Stop
Model 125 Kit P/N 24-8205 	Oxygen Flue Gas Temperature Carbon Monoxide **Draft **Differential Pressure Combustion Air/Ambient Temp.	Combustion Efficiency Excess Air Carbon Dioxide CO (air free) *Delta Temperature	Probe/Hose Assembly Hard Carrying Case Protective Rubber Boot IrDA Printer Probe Stop
Model 125 Deluxe Kit P/N 24-8206 	Oxygen Flue Gas Temperature Carbon Monoxide **Draft **Differential Pressure Combustion Air/Ambient Temp.	Combustion Efficiency Excess Air Carbon Dioxide CO (air free) *Delta Temperature	Probe/Hose Assembly Hard Carrying Case Protective Rubber Boot IrDA Printer True Spot Test Kit Probe Stop

SPARE PARTS AND ACCESSORIES	
PART NO.	DESCRIPTION
24-1229	IrDA Printer (Consult your instruction manual to verify which printer will work with your instrument)
24-1310	Spare paper rolls (5) for IrDA Printer
21-7006	True Spot Smoke Test Set
24-1127	Protective boot w/ magnet
24-7265	Replacement CO sensor
24-8106	Replacement O ₂ sensor
104-1797	10 ft. thermocouple assembly (for primary air temp)
104-1798	1 in. thermocouple (for room air temp)
24-7059	Calibration kit (Less cal. gas)
51-1994	Calibration gas (100 ppm CO)
24-8214	Pressure Accessory Kit: Includes 44' of tubing, one pilot tube, two static pressure tips, one flexible copper tube & one 1/8 NPT gas valve fitting.
24-1267	Optional soft carrying case
07-1644	Filters for water trap / filter assembly, pack of 3
19-3265	Water trap / filter assembly (for probe assembly)
24-1254	A/C Adapter for use with instrument



ISO 9001



Headquarters: 621 Hunt Valley Circle, New Kensington, PA 15068 U.S.A.

Phone: 1-800-736-4666

Canada: 1-800-328-5217

E-Mail: help@bacharach-inc.com

Website: www.bacharach-inc.com