

RESIDENTIAL COMBUSTION ANALYZER



Features & Benefits

- Directly measures and displays flue gas Oxygen, Temperature, Draft and Carbon Monoxide
- Calculates and displays Combustion Efficiency, Excess Air, Carbon Dioxide
- Four programmed fuels
- Store up to 10 complete test records that can be recalled to the display and printed
- CO purge during turn off
- Oxygen sensor strength display at startup
- Powered by 4 AA alkaline batteries or optional AC power adapter
- Two year warranty on instrument and sensors

Fyrite® Pro Residential Combustion Analyzer

The Fyrite® Pro is still our most popular residential combustion analyzer. 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. Packed with 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.)



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



**Probe P/N 24-3004
For Models 125 and 105**

SPECIFICATIONS		
Measurement Ranges	Combustion Air/Ambient Air Temperature Flue Gas Temperature Oxygen Carbon Monoxide Draft / Differential Pressure	32 - 212°F (0-100°C) 0 - 999°F (-18 to 537°C) 0.0 to 20.9% O2 0 to 2,000 ppm CO -10.0 to +27.0 in. WC
Calculated Ranges	Combustion Efficiency Carbon Dioxide Carbon Monoxide (air free) Excess Air	0.1 to 99.9% 0.1 to a fuel dependent max. value in percent 0 to 9,999 ppm 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	

SPARE PARTS AND ACCESSORIES	
PART NO.	DESCRIPTION
24-1400	IrDA Printer with disposable batteries
24-1310	Printer paper, 5 roll package
06-8733	Printer paper, 1 roll package
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 19-7110, 19-7111 and 24-3004 probe assembly)
24-1254	A/C Adapter for use with instrument
24-1229	IrDA Printer with rechargeable batteries
24-1243	Battery charger for printer 24-1229
24-1244	Replacement battery for printer 24-1229

ORDERING INFORMATION			
Model P/N	MEASUREMENTS	CALCULATIONS	ACCESSORIES
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	Probe/Hose Assembly Hard Carrying Case Protective Rubber Boot CO (air free)
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

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

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

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