

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 |

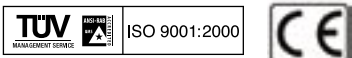
* Requires optional thermocouple P/N 104-1798 or 104-1797.

** 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.

Distributed By:



Technical Training for Heating & Cooling



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