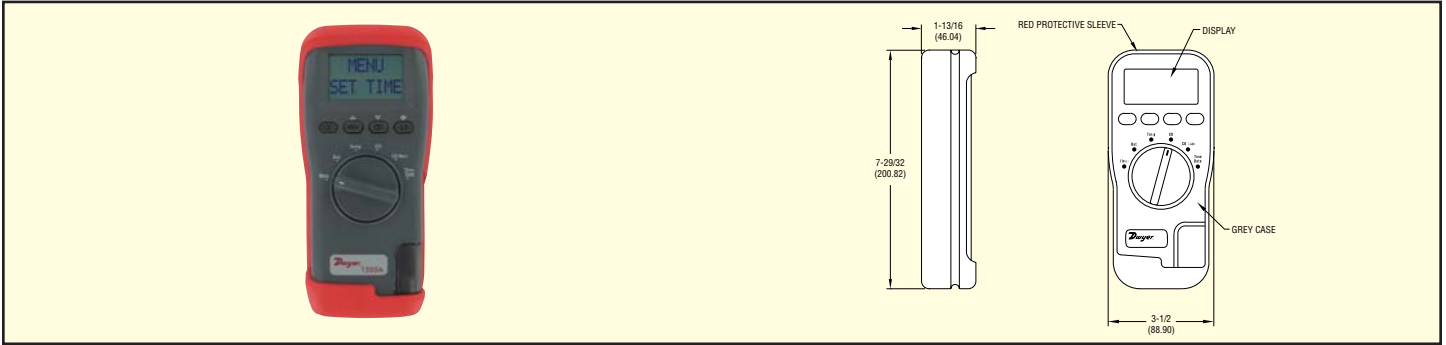




Model  
1205A-5

# Handheld CO Analyzer

Dual-Line Alpha-Numeric Display, Auto Calibration



**Model 1205A-5 Handheld CO Analyzer** provides a simple, cost effective answer to detecting and monitoring colorless, odorless, toxic carbon monoxide. The portable, battery operated unit measures CO from 0 to 2000 ppm and can record maximum CO values. Use a Type K thermocouple (sold separately) to measure temperatures. Simultaneously display two different functions on the large two-line alpha-numeric LCD. Quickly program time, date, engineering units, language and other display functions. The rotary dial allows easy function selections. The analyzer features auto zeroing, battery indication, infrared printer link, and a backlight display for low light areas. The Model 1205A-5 is ideal for ambient air monitoring in residential and commercial markets, flue testing in small boilers, and source investigation in areas where CO monitors have alarmed. The unit includes a stainless steel flue probe with filter and flexible tubing, batteries and instruction manual.

**MODEL**

**Model 1205A-5** Handheld CO Analyzer

**Accessory**

1718-0002 Type K Thermocouple with integral handle

**SPECIFICATIONS**

**Range:** CO: 0 to 2000 ppm; Temperature: 32 to 1112°F (0 to 600°C).

**Accuracy:** CO: ±5% of reading; Temperature: ±5°F (2°C).

**Display:** Alpha-numeric LCD, dual digits.

**Ambient Operating**

**Temperature:** 32 to 104°F (0 to 40°C).

**Operating RH:** 10 to 90% non-condensing.

**Response Time:** 20 to 30 seconds.

**Sensor Type:** Electrochemical cell.

**Calibration:** Auto zero function.

**Flexible Tubing:** 9 ft (3 m)

polyurethane tubing with quick fit connector. Max. temperature: 180°F (82°C).

**Flue Probe:** 11.8" (30 cm) length, stainless steel with quick fit connector to aluminum handle. Max. temperature: 1100°F (600°C).

**Temperature Probe:** Type K thermocouple with mini-connector (sold separately).

**Power Requirements:** Four AA size alkaline batteries.

**Battery Life:** 8 hours with alkaline batteries (continuous use without backlight).

**Weight:** 1.5 lb (0.7 kg).

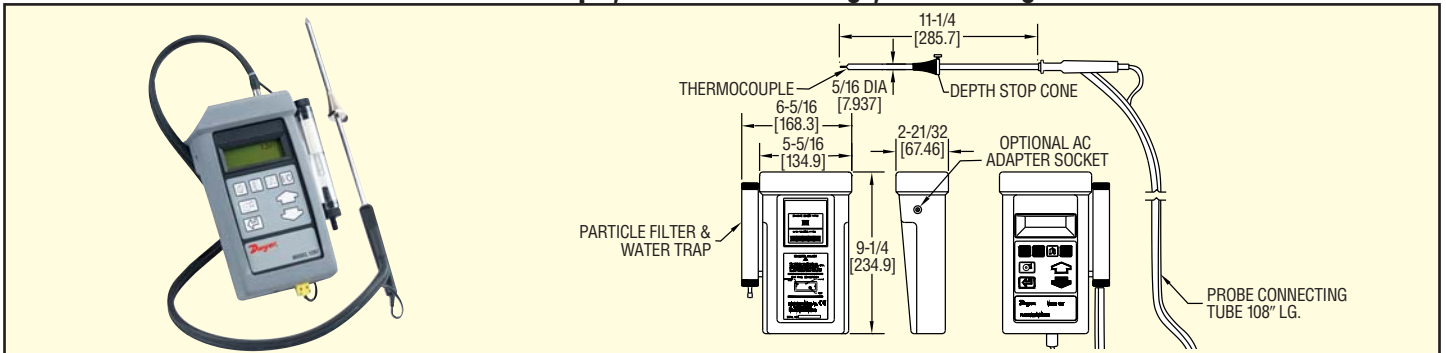
**Agency Approvals:** CE.



Model  
1207

# Handheld Flue Gas Analyzer

RS232 Output, Stores 150 Readings, 11 Pre-Programmed Fuels



**Adjust boilers for optimum efficiency** and conform to emission levels with Model 1207 Handheld Flue Gas Analyzer. The unit quickly measures and calculates all the parameters for accurate flue gas analysis. Simultaneously display eight different measurements in user selectable language. Model 1207 Analyzer can store up to 150 time/date stamped combustion tests and can transfer the data to a printer or IBM compatible PC for later analysis. Analyzer features 11 preprogrammed fuels, self calibration, and CO alarm preset at 1000 ppm. Measure Nitric Oxide with the optional NOx sensor. Unit includes probe, protective sleeve, 110 VAC power adapter, carrying case and manual.

**Model Number 1207** Flue Gas Analyzer

**Model Number 1207-NOx** Flue Gas Analyzer with NOx sensor

**Accessories**

**No. 1206-1,** Infrared Printer

**No. 1207-6,** 220 VAC Adapter

**No. 1206-71,** Replacement Filter

**SPECIFICATIONS**

**Ranges:** O<sub>2</sub>: 0-21%; CO: 0-4000 ppm; CO<sub>2</sub>: 0-99.9%; NO: 0 to 5000 ppm; Temp. (Flue and net): 32-1112°F (0-600°C); Efficiency: 0-99.9%; Poison Index: 0-99.9%; Excess Air: 0-2885%.

**Accuracy:** O<sub>2</sub>: ±0.2%; CO: ±20 ppm < 400ppm, ±5% > 400ppm; CO<sub>2</sub>: ±0.3% of rdg.; NO: ±5ppm < 100ppm, ±5% > 100ppm; Temp.: ±5°F (±2°C), 0.3% of rdg.;

Efficiency: ±1.0% of rdg.; Poison Index: ±0.01; Excess Air: ±0.2%.

**Resolution:** O<sub>2</sub>: 0.1%; CO: 1 ppm; CO<sub>2</sub>: 0.1%; NO: 1ppm; Temp.: 1.0°F/C; Efficiency and Excess Air: 0.1%; Poison Index; 0.01%.

**Ambient Operating**

**Temperature:** 32 to 104°F (0 to 40°C).

**Power Requirements:** 110 VAC adapter (220 VAC optional).

**Computer Requirements:** IBM compatible 386 or above and Windows™ 3.1 or later with 2mB RAM and 2mB hard drive disk space, one serial port.

**Pre-Programmed Fuels:** Natural gas, Town gas, Light oil, Heavy Oil, Coke, Coal, Anthracite, Propane, Butane, Kinsale gas, and Gascor.

**Probe:** 11-1/4" (28.6 cm) length, stainless steel, Type K thermocouple, 9 ft (3 m) neoprene hose.

**Weight:** 2.2 lb (1 kg).

**Agency Approvals:** CE.

Combustion  
Testing