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.

**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.

**ACCESSORY**

1718-0002, Type K Thermocouple with integral handle

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The versatile Model 1207A Handheld Flue Gas Combustion Analyzer makes adjusting boilers for optimum efficiency quicker and easier. With the large LCD display, users can monitor four parameters simultaneously and change the parameters shown using the rotary dial selection switch. For extra protection, the analyzer comes standard with a protective boot and magnetic back. In order to track the measurements, the 1207A can store up to 255 time stamped test sets in memory and can output measurements to a serial printer. The 1207A comes preprogrammed for natural gas, light oil, propane, butane, LPG, and wood pellets. Along with analyzing combustion measurements, the analyzer can be used as a CO/CO2 indicator, pressure manometer, or thermocouple thermometer.

**SPECIFICATIONS**

- **Range:**
  - O2: 0 to 21%; CO: 0 to 2000 PPM (4000 PPM max for 15 minutes);
  - CO2: 0 to 2000 PPM (4000 PPM max for 15 minutes);
  - Temp. (flue and net): 32 to 1112°F (0 to 600°C);
  - Efficiency: 0 to 99.9%; Excess air: 0 to 250%.
- **Accuracy:**
  - O2: ±0.2%; CO: ±10 PPM x 1.0 PPM, ±5% of reading;
  - CO2: ±10 PPM, ±2°C ±0.3% reading, ±1% reading;
  - Temp. (flue and net): ±0.3% reading, Efficiency: ±1% reading;
  - Excess air: ±0.2%.
- **Resolution:**
  - O2: 0.1%; CO: 1 PPM;
  - CO2: 0.1%; Temp. (flue and net): 0.1°F/C;
  - Efficiency: 0.1%; Excess air: 0.1%.
- **Ambient Operating Temperature:**
  - 32 to 104°F (0 to 40°C).
- **Pre-Programmed Fuels:**
  - Natural gas, light oil, propane, butane, LPG, and wood pellets.
- **Probe:**
  - 11.8˝ (300 mm) length x 0.25˝ (6 mm) stainless steel shaft.
- **Hose:**
  - 10 ft (3 m).
- **Weight:**
  - 1.7 lb (0.77 kg).
- **Agency Approvals:**
  - CE.