The Model 1205B Gas Analyzer accurately measures the concentration of carbon monoxide (CO) and carbon dioxide (CO₂) in a duct or space. The Gas Analyzer displays the measurement on a two line digital LCD display with backlight. The unit’s memory stores up to 255 sets of readings that are logged manually or auto-logged with 1 to 10 minute intervals. Besides measurement recording, Model 1205B can provide a summary of average and maximum levels reached during recording. Results can then be printed via an optional infrared printer. Model 1205B includes batteries, 120V power supply, protective rubber boot and magnetic back. In order to track the measurements, the 1205B can store up to 255 time stamped test sets in memory and can output measurements to a serial printer. The 1205B 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

**Ranges:** CO: 0 to 1000 ppm, overflow 2000 ppm; CO₂: 200 to 4000 ppm, overflow 9999 ppm.

**Accuracy:**
- CO: ±5 ppm<100 ppm; ±5%>100 ppm; ±10%>1000 ppm;
- CO₂: ±20 ppm<400 ppm; ±5%<4000 ppm; ±10%>4000 ppm.

**Resolution:**
- CO: 1 ppm;
- CO₂: 1 ppm.

**Display:** Dual LCD display.

**Temperature Limits:** 32 to 104°F (0 to 45°C).

**Humidity Limits (Non-Condensing):** 10 to 90% RH.

**Power Requirements:** 100 to 240 VAC, 50 to 60 Hz or (5) AA NiMH batteries, internal, factory replaceable.

**Battery Life:** 6 hours with full charge and pump on.

**Weight:** 2.21 lb (1 kg).

**Agency Approvals:** CE.

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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. 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 30%; Temp. (flue and net): 32 to 1112°F (0 to 600°C);
- Efficiency: ±2°C ±0.3% reading; Efficiency: ±1% reading; Excess air: ±0.2%.

**Accuracy:**
- O₂: ±0.2%; CO: ±10 PPM<100 PPM elbow ±5% reading;
- CO₂: ±0.3% reading; Temp. (flue and net): ±2°C ±0.3% reading; Efficiency: ±1% reading; Excess air: ±0.2%.

**Resolution:**
- O₂: 0.1%; CO: 1 PPM;
- CO₂: 1 PPM; 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).

**Power Requirements:** (8) AA alkaline batteries, installed functional, user replaceable, (4) AA NiMH batteries, included, user replaceable (charger included) or optional power adapter.

**Pre-Programmed Fuels:** Natural gas, light oil, propane, butane, LPG, and wood pellets.

**Probe:** 11.8” (300 mm) length x 0.25” (6 mm) diameter with 7.8” (200 mm) stainless steel shaft.

**Hose:** 10 ft (3 m).

**Weight:** 1.7 lb (0.77 kg).

**Agency Approvals:** CE.