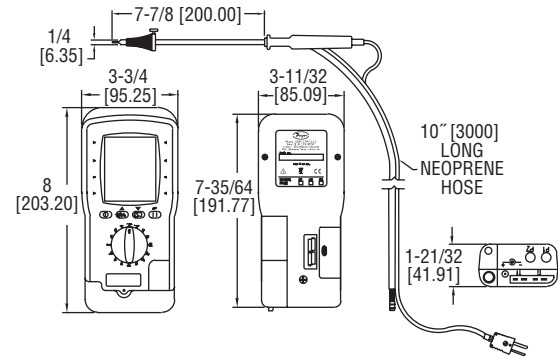


## MODEL 1207A

# HANDHELD FLUE GAS COMBUSTION ANALYZER

## Rotary Dial Selection, Display 4 Parameters Simultaneously



The **MODEL 1207A** Handheld Flue Gas Combustion Analyzer allows users to monitor four parameters simultaneously and change the parameters shown using the rotary dial selection switch. The unit's memory stores up to 255 time stamped test sets and can output the measurements to a serial printer. For extra protection, the analyzer comes standard with a protective boot and magnetic back.

### FEATURES/BENEFITS

- Displays 4 configurable parameters simultaneously
- Stores up to 255 time stamped test sets for future evaluation

### APPLICATIONS

- Service and adjustment of boilers, ovens, and other combustion equipment

### ACCESSORIES

Model	Description
1207A-US	120 VAC power adapter
1207A-EU	230 VAC power adapter
1207A-SP	Serial printer
1207A-PP	Printer paper for 1207A-SP
1207A-RF	Replacement filter

### SPECIFICATIONS

**Range:** O<sub>2</sub>: 0 to 21%; CO: 0 to 2000 ppm (4000 ppm max for 15 minutes); CO<sub>2</sub>: 0 to 30%; Temp. (flue and net): 32 to 1112°F (0 to 600°C); Efficiency: 0 to 99.9%; Excess air: 0 to 250%.  
**Accuracy:** O<sub>2</sub>: ±0.2%; CO: ±10 PPM < 100 PPM else ±5% of reading; CO<sub>2</sub>: ±0.3% reading; Temp. (flue and net): ±2°C ±0.3% reading; Efficiency: ±1% reading; Excess air: ±0.2%.  
**Resolution:** O<sub>2</sub>: 0.1%; CO: 1 PPM; CO<sub>2</sub>: 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).

**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.

### MODEL CHART

Model	Description
1207A	Handheld flue gas combustion analyzer