Gas Analyzers/Kits

TEST EQUIPMENT

DWYER INSTRUMENTS, INC.  |  www.dwyer-inst.com

Model 1207A

Handheld Flue Gas Combustion Analyzer

Rotary Dial Selection, Display 4 Parameters Simultaneously

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
- Ranges: CO: 0 to 1000 ppm, overflow 2000 ppm; CO₂: 200 to 4000 ppm, overflow 9999 ppm.
- Accuracy: CO: ±0.2 ppm<100 ppm; ±1%>100 ppm; CO₂: ±0.3% reading; ±10°/°C reading; Efficiency: ±0.1%.
- Resolution: CO: 0.1 ppm; CO₂: 0.1 ppm.
- Display: Dual LCD display.
- Temperature Limits: 32 to 104°F (0 to 40°C).
- Humidity Limits (Non-Condensing): 10 to 90% RH.
- Power Requirements: 100 to 240 VAC, 50 to 60 Hz or N. MH batteries (included).
- Battery Life: 8 hours with full charge and pump on.
- Weight: 2.21 lb (1 kg).
- Agency Approvals: CE.

Model 1207A-US, 120 VAC Power Adapter for 1207A
1207A-EU, 230 VAC Power Adapter for 1207A
1207A-SP, Replacement probe for 1207A
1207A-PP, Printer Paper for 1207A-SP
1207A-RF, Replacement Filter

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 then can be printed via an optional infrared printer. Model 1205B includes batteries, 120V power supply, protective rubber boot with integral magnet, sampling probe, and a canvas carrying case.

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 40°C).
- Humidity Limits (Non-Condensing): 10 to 90% RH.
- Power Requirements: 100 to 240 VAC, 50 to 60 Hz or N. MH batteries (included).
- Battery Life: 6 hours with full charge.
- Weight: 2.21 lb (1 kg).
- Agency Approvals: CE.

Model 1205B-US, 120 VAC Power Adapter for 1205B
1205B-EU, 240 VAC Power Adapter for 1205B
1205B-PR, Replacement probe for 1205B

Model 1207A, Handheld Flue Gas Combustion Analyzer

ACCESSORIES
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

Model 1205B-0, Gas Analyzer and Logger for CO and CO₂

ACCESSORIES
Model 1205B-US, 120 VAC Power Adapter for 1205B
Model 1205B-EU, 240 VAC Power Adapter for 1205B
Model 1205B-PR, Replacement probe for 1205B

Dwyer Instruments, Inc.
102 Highway 212
Michigan City, IN 46360

Battery
4 x 'AA' Type MN1500, or equiv.
or 4 x NiCd

Model 1205B-0

Gas Analyzer and Logger for CO and CO₂

ACCESSORIES
Model 1205B-US, 120 VAC Power Adapter for 1205B
Model 1205B-EU, 240 VAC Power Adapter for 1205B
Model 1205B-PR, Replacement probe for 1205B

Dwyer Instruments, Inc.
102 Highway 212
Michigan City, IN 46360

Battery
4 x 'AA' Type MN1500, or equiv.
or 4 x NiCd

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Gas Analyzer and Logger for CO and CO₂

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Model 1205B-US, 120 VAC Power Adapter for 1205B
Model 1205B-EU, 240 VAC Power Adapter for 1205B
Model 1205B-PR, Replacement probe for 1205B

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102 Highway 212
Michigan City, IN 46360

Battery
4 x 'AA' Type MN1500, or equiv.
or 4 x NiCd

Model 1205B-0

Gas Analyzer and Logger for CO and CO₂

ACCESSORIES
Model 1205B-US, 120 VAC Power Adapter for 1205B
Model 1205B-EU, 240 VAC Power Adapter for 1205B
Model 1205B-PR, Replacement probe for 1205B

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Michigan City, IN 46360

Battery
4 x 'AA' Type MN1500, or equiv.
or 4 x NiCd

Model 1205B-0

Gas Analyzer and Logger for CO and CO₂

ACCESSORIES
Model 1205B-US, 120 VAC Power Adapter for 1205B
Model 1205B-EU, 240 VAC Power Adapter for 1205B
Model 1205B-PR, Replacement probe for 1205B

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Battery
4 x 'AA' Type MN1500, or equiv.
or 4 x NiCd

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Gas Analyzer and Logger for CO and CO₂

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4 x 'AA' Type MN1500, or equiv.
or 4 x NiCd

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