

C080

From
\$799

Portable Combustion Analyzer

Combustion Analyzer with five meters built into one rugged weatherproof meter, including flammable gas leak detector

Features

- 10,000ppm CO sensor will not poison, providing for long sensor life
- Built-in flammable gas leak detector
- Rechargeable Ni-MH batteries provide big savings - no need to replace batteries
- 6 hour use on a 2 hour charge
- Advanced menu driven software
- Internal memory stores up to 75 records
- InfraRed link for direct output to Printer optional IR to RS232 PC adaptor
- 2 year warranty covers meter and sensors; weatherproof IP65 rated; CE approved
- Optional kit with printer
- CO80 includes pistol grip thermocouple flue probe and 2ft (610mm) of silicon tubing, protective rubber holster, 4 Ni-MH batteries, 117VAC recharger, carrying case

5 Meters in 1

Combustion Analyzer

- Boiler efficiency measurement
- CO/CO₂ ratio for boiler health check
- O₂, CO₂ and XSAir measurements
- Multi-fuel settings (Natural Gas, LPG, Light Oil, Heavy Oil and Coal)

Carbon Monoxide Detector

- Real time readings up to 10,000ppm
- Ambient room check with historical logging
- Digital 1ppm resolution display

Flammable Gas Leak Detector

- Detects leaks from 20 to 10,000ppm
- Four level visual display
- Crescendo alarm — pitch rises with concentration

Differential Thermometer

- Compares input to output temperature
- Net and gross temperature differences
- Industry standard Type K thermocouples
- Simultaneous pressure and temperature displays

Differential Manometer

- Positive and negative readings
- Unique "Tightness Test" logs pressure readings to spot gas leaks
- Powerful ±40inWG sensor
- User selectable scales (inWG, PSI, mbar, mmWG)

Visit www.extech.com for more information on Exttech's C080



CO85 Kit also includes a portable printer, rechargeable battery pack, 2 rolls of thermal paper and bead wire temperature probe. Ideal for printing customized reports.

NEW!



YOUR COMPANY NAME
and Phone Number

Combustion Appliance
Test Report

Your Customer's Name

Appliance

Ref.

Flue Gases

Log 7
Date 10-03-07:04:2000
Fuel NATURAL GAS

O₂ (%) 20.9
CO (ppm) 11
CO₂ (%) 3.1
Ratio (CO/CO₂) 0.0003
Temp (°F) 505
Efficiency (%) 70.1
Excess Air (%) 37

Signature

Sample Report

Specifications

Function	Range	Max. Resolution	Basic Accuracy (%rdg+digits)
Carbon Monoxide (CO):	0 to 10,000ppm	1ppm	±5ppm (<100ppm) ±5% (>100ppm)
Oxygen and Carbon Dioxide (Calculated)	0 to 25%	0.1%	±0.3%
Pressure:	-100 to 100mbar	0.1	±0.5%
	-1.4 to 1.4psi	0.001	±0.5%
	-40 to 40inWG	0.01	±0.5%
Temperature:	-58 to 752°F	1°F/1°C	1.6°F (1°C)±0.3%rdg
	(-50 to 400°C)		
Weight:	1.1lbs (500g)		
Dimensions (without holster):	6.3x2.8x2" (160x70x50mm)		

Ordering

CO80 Portable Combustion Analyzer, 117VAC \$799
 CO81 Portable Combustion Analyzer, 220VAC \$839
 CO85 Portable Combustion Analyzer Kit 117VAC \$1099
 CO86 Portable Combustion Analyzer Kit 117VAC \$1139
 422378 Replacement Thermal Paper, 5pk \$12
 589230 IR to RS232 Adaptor for downloading data to a PC \$189
 (use Windows Hyperterminal or equivalent PC software)

C052

Flammable Gas Leak Detector **NEW!**

\$199

Detects all combustible gases as low as 50ppm with easy one key operation

Features:

- LCD display with nominal 100, 1000 and 10,000ppm indicators
- Audible beeper increases pitch tone as the concentration of gases go up
- Auto zero on start up
- 5 second response time
- 5 year sensor life
- Battery status on LCD display
- Backlit display automatically switches on in poorly lit conditions
- Dims: 1.5x10x1.1" (38x254x28mm); Weight 3.5oz (100g)
- 1 year warranty; CE approved
- Complete with 2 x AA 1.5V batteries

Ordering

C052.....Flammable Gas Leak Detector\$199



C050

Carbon Monoxide (CO) Meter **NEW!**

\$229

Easy one key operation detects CO levels to 10,000ppm

Features:

- 10,000ppm, cross filtered CO sensor
- 0 to 999ppm digital display for low end monitoring
- Backlit display automatically switches on in poorly lit conditions
- Audible indicator rises in tone up to 30ppm
- Two-tone alarm indicator above 30ppm
- One button operation with auto zero on start up
- 15 minute ambient room test, with peak value logged
- Battery status on digital display
- Dims: 1.5x10x1.1" (38x254x28mm); Weight: 3.5oz (100g)
- 1 year warranty; CE approved
- Complete with two 1.5V AA batteries (up to 50 hour usage)

Ordering

C050.....Carbon Monoxide Meter\$229



C010

Carbon Monoxide (CO) Meter **NEW!**

\$199

Faster response measurements to 1000ppm

Features:

- Ergonomic pocket size housing
- Easy to read 1999 count backlit displays CO levels from 0 to 1000ppm
- 1ppm resolution with $\pm 5\%$ or $\pm 10\text{ppm}$ basic accuracy (whichever is greater)
- Utilizes a stabilized electrochemical gas specific (CO) fast response sensor
- Audible alarm starts at 35ppm
- Backlight for low light conditions
- Max Hold and Data hold buttons
- Auto Power off
- Dims: 6.3x2.2x1.57" (160x56x40mm); Weight: 6.35oz (180g)
- 1 year warranty; CE approved
- Complete with 9V battery and carrying case

Ordering

C010.....Carbon Monoxide Meter\$199



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(CO) Carbon Monoxide