



## COMBUSTION GAS ANALYZER



### COMBUSTION GAS ANALYZER

Manufacturer: UEI  
Manufacturer Number: C75  
Product Type: Gas Detectors

### Combustion testing has never been easier!

#### Features & Applications:

For professionals who value quality, functionality and precision-this analyzer fits the bill. Accurately and easily test residential combustion appliances and heating equipment with confidence. Check oxygen, ambient flue temps, calculated gross or net efficiency, CO<sub>2</sub>, excess air, CO and CO air free. This instrument's smart design allows hands free operation, as it comes with a magnetic protective boot that allows placement of meter on the side of an appliance or furnace. Then simply insert the flue probe and rotate the selector to make adjustments.

#### Features:

- Electronic Combustion Analyzer
- Measures O<sub>2</sub>, CO, stack and ambient temperature
- Calculates CO<sub>2</sub>, efficiency and CO air-free
- Large Back-lit, 2-line display
- Choose display parameter with DMM style selector
- Includes protective boot with integral magnet
- Infrared printer port - prints to optional printer
- Print-out includes date and time
- Limited three year warranty (Two years on sensors)

#### Applications:

- Residential combustion appliances
- Residential heating equipment
- Check oxygen, ambient flue temps, calculated gross or net efficiency, CO<sub>2</sub>, excess air, CO and CO air free



**Detailed Specs:**

<b>Parameter</b>	<b>Resolution</b>	<b>Accuracy</b>	<b>Range</b>
<b>Temperature:</b>			
Flue temperature	1°F/°C	±5°F (2°C) ±0.3% reading	32-1,112°F (0-600°C)
<b>Gas Measurement:</b>			
Oxygen	0.1%	±0.2%	0-21%
Carbon Monoxide	1ppm	±10ppm < 100ppm ±5% of reading	0-2000ppm 4000ppm max for 15 mins.
Carbon Dioxide	0.1%	±0.3% reading	0-30%
Efficiency	0.1%	±1.0 reading	0-99.9%
Excess Air	0.1%	±0.2%	0-250%
<b>Dimensions:</b>			
Weight	2.2lb		
Handset	8 x 2 x 3.5"		
Probe	L 12 x Dia 0.25" with 8" long stainless steel shaft, type K thermocouple and 9ft long neoprene hose		
<b>Ambient Operating Range:</b>	32-104°F (0 to 40°C) 10 to 90% RH non-condensing		
<b>Battery Life:</b>	Standard AA (x4) >8 hours continuous use		
<b>AC adapter (optional):</b>	Input: 110VAC/220 Vac nominal Output: 6V DC 500mA		