



# C50/C75

## Combustion Analyzer

### ***Now You REALLY CAN WORK SMARTER!***

- Unique DMM Style Rotary Selector
- Protective Boot w/ Integral Magnet
- Real Time Clock
- CO Readings to 1ppm
- Large 2 Line Backlit Display
- Infrared Printer Port
- **Measures:**
  - Flue temperature
  - Oxygen
  - Carbon Monoxide (CO)\*
- **Calculates:**
  - Carbon dioxide
  - Gross/net efficiency
  - Excess air
  - CO air free\*

\*C75 Only



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## Specifications

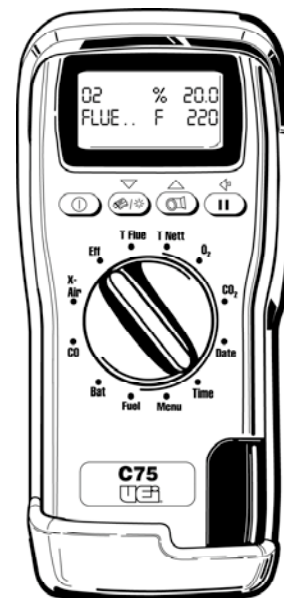
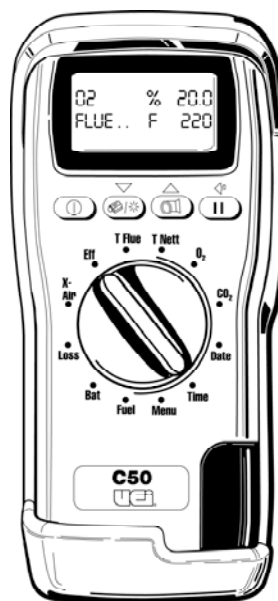
Parameter	Resolution	Accuracy	Range
Temperature			
Flue Temperature	1°F/°C	±5°F (2°C) ±0.3% reading	32-1112°F (0-600°C)
Gas Measurement			
Oxygen	0.1%	±0.2%*1	0-21%
Carbon Monoxide (C75 only)	1ppm	±10ppm<100ppm*1 ±5% of reading	0-1000ppm
Carbon Dioxide*2	0.1%	±0.3% reading	0-30%
Efficiency*2	0.1%	±1.0% reading	0-99.9%
Excess Air*2	0.1%	±0.2%	0-250%
Pre-programmed Fuels	Natural Gas, Light Oil, Propane, Butane, LPG		
Dimensions			
Weight	2.2lb (1kg)		
Handset	8" (200mm) x 2" (45mm) x 3.5" (90mm)		
Probe	L 12" (300mm) x Dia 0.25" (6mm) with 8" (200mm) long stainless steel shaft, type K thermocouple and 9ft (3m) long neoprene hose		
Ambient Operating Range	32-104°F (0°C to 40°C) 10% to 90% RH non-condensing		
Battery Life	Standard "AA" (x4) >8 hours continuous use		
AC adapter (optional)	Input: 110V AC nominal Output: 9V DC regulated 500mA minimum		

## Optional Accessories:

Infrared Printer .....	KMIRP2
Soft Carrying Case .....	AC73
AC Adapter .....	AACA4
Smoke Pump Test Kit .....	SPT1

The C50/C75 enables HVAC professionals to accurately test and service all residential combustion appliances. The extra large backlit LCD displays two parameters at one time. Easily choose the desired combustion parameter with the rotary selector. The optional printer allows you to print your readings to document your test results.

For technicians who are required to diagnose and repair heating equipment, the C75 also has a CO sensor.



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