

**Residential/Commercial Combustion Analyzer
for Oil-Fired Appliances**



BACKED BY
UEi
SERVICE+

6
YEAR
WARRANTY

-24HR
SERVICE

FREE
SHIPPING

Functions

- Measures: CO, CO2, Differential Pressure, Flue and Inlet Temperature
- Calculates: Differential Temperature, Efficiency (Net, Gross), Excess Air
- Kit Measures: Flue Gas Smoke to see if it is within normal range

Features

- Up to 6-Year warranty with annual recertification
- Eligible for UEi Service+
- LINK to wireless probes
- Flow and Return Probes
- 4 types of sensor protection
- NOx filtered & H2 Compensated CO sensor (10,000ppm range)
- Over-range protection pump
- Low Flow Detection
- Compatible with DTHA2
- Wireless connection to a Free Printer App (iOS® and Android™ Compatible)
- Room CO test
- Differential Pressure
- Heat Exchange test
- Protective water trap

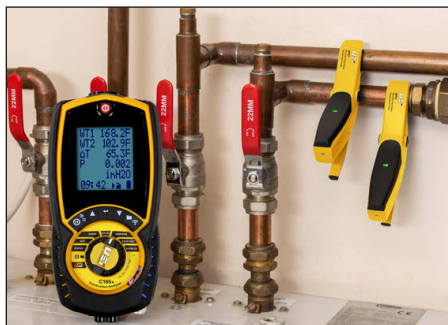
Includes

- Flue Probe (CP2)
- Rechargeable Batteries, 3 (AA)
- USB Charging Cable (WIR0067)
- Wireless Pipe Clamp Probes, 2 (WPC2)
- Tubing w/ connector (11000)
- K-Type Thermocouples, 2 (ATT29)
- Smoke Pump Test Kit (SPT1)
- Particle Filter (spare) (17631)
- Carrying Case (AC509)
- Quick Start Guide

See reverse side kit options.



LINK to wireless Flow and Return pipe clamp probes.



Specifications

TEMPERATURE MEASUREMENT

Parameter	Range	Resolution	Accuracy
Flue temperature	32° to 1112°F	0.1°F	+3.6°F +0.3% rdg
Inlet temperature (internal sensor)	32° to 112°F	0.1°F	+1.8°C +0.3% rdg
Inlet temperature (external sensor)	32° to 1112°F	0.1°F	+3.6°F +0.3% rdg

FLUE GAS

Parameter	Range	Resolution	Accuracy
Oxygen	0 to 21%	0.1%	+0.3%
Carbon Monoxide	0 to 100ppm	1ppm	±5ppm
	100 to 400ppm		±20ppm
	400 to 2,000ppm		±5%
	2,000 to 9,999ppm		±10%
	Above 10,000ppm purge pump operates		Unspecified
Carbon Dioxide	0 to 20%	0.1%	0.3% volume
Efficiency (Net or Gross)	0 to 99.9%	0.1%	+1.0% rdg
Efficiency High (C)	0 to 119.9%	0.1%	+1.0% rdg
Excess Air	0 to 250%	0.1%	+0.2% rdg
CO/CO2 ratio	0 to 0.999%	0.0001	+5% rdg

PRESSURE (DIFFERENTIAL)

Parameter	Range	Resolution	Accuracy
Normal range ±80mbar maximum over range without damage is ±400mbar	±0.08" WC (+0.2mbar)	Maximum 0.001" WC <9.9999" WC 0.001" WC >10.00" WC (0.001mbar <24.99mbar) (0.1mbar >25mbar)	±0.0002" WC (±0.005mbar)
±0.4" WC (±1mbar)			±0.01" WC (±0.03mbar)
±32"WC (±80mbar)			±0.3%
PRE-PROGRAMMED FUELS	Natural Gas, Propane, Butane, LPG, Light Oils (28/35sec), Wood Pellets, Town Gas, Coke Gas, Bio Oil, Bio Gas		
USER PROGRAMMED FUELS	5 User defined fuels		
STORAGE CAPACITY	30 tests		



Made in UNITED KINGDOM



C165+OIL Available Kits Options	C165+N	C165+NKIT	C165+OIL	C165+NOILKIT
UPC #	053533509175	053533509205	053533509199	053533509229
Analyzer / flue probe	•	•	•	•
Batteries / USB charging cable	•	•	•	•
Quick start guide	•	•	•	•
Hard case	•	•	•	•
2 K-type thermocouples / spare particle filter	•	•	•	•
Pressure tubing	•	•	•	•
2 Wireless pipe clamp probes	•	•	•	•
IR thermal printer w/ spare paper roll		•		•
Smoke pump test kit			•	•