



**Residential/Commercial Combustion Analyzer  
w/ Nitric Oxide Sensor**



BACKED BY  
**UEi**  
SERVICE+

**10**  
YEAR  
WARRANTY

**8**  
HR  
SERVICE

**ups**  
FREE  
SHIPPING

**Functions**

- Measures: NO, CO (10,000ppm H2 Compensated), CO2, Differential Pressure, Flue and Inlet Temperature
- Calculates: Differential Temperature, Efficiency (Net, Gross), Excess Air

**Features**

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



LINK to wireless Flow and Return pipe clamp probes.



**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)
- Carrying Case (AC509)
- Quick Start Guide

See reverse side kit options.



### Specifications

#### TEMPERATURE MEASUREMENT

Parameter	Range	Resolution	Accuracy
Flue temperature	32° to 1112°F	0.1°F	±(0.3% rdg +3.6°F (2°C))
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 <sup>*2</sup>	0 to 21%	0.1%	+0.3% Volume
Carbon Monoxide <sup>*1</sup>	0 to 2000ppm	1ppm	±3ppm or ±5% of rdg
	2000 to 9999ppm		±10% of rdg
	2000 to 9999ppm		Unspecified
Carbon Dioxide	0 to 20%	0.1%	0.3% rdg
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
Excess Air	0 to 250%	0.1%	+0.2% rdg
Nitric Oxide Sensor (optional)	0 to 100ppm	1ppm	+ 2ppm <30ppm <sup>*1</sup> +5ppm <100ppm <sup>*1</sup>
	Overrange to 1500ppm		+5% reading >100ppm

#### PRESSURE (DIFFERENTIAL)

Parameter	Range	Resolution	Accuracy
Pressure (Differential)	±80mbar	0.1mbar	±0.5% FSD

<b>PRE-PROGRAMMED FUELS</b>	NAT GAS, H OIL, PELLLETS, L OIL, LPG, BUTANE, PROPANE
<b>USER PROGRAMMED FUELS</b>	5 User defined fuels
<b>STORAGE CAPACITY</b>	30 tests

\*1 Using dry gases at STP  
\*2 Calculated

C165+N Available Kits Options	C165+N	C165+NKIT	C165+NOIL	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			•	•

### Downloads



Manual



Data Sheet



Made in UNITED KINGDOM

