



# Combustion Analysis For Commercial Boilers and Furnaces



BACKED BY

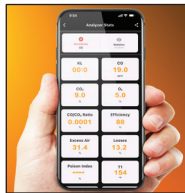


## What Matters

- ✓ **UEi Service+ Guaranteed FOR LIFE!**
- ✓ **CO, CO2, and O2 Gases Measured**
- ✓ **Wireless to App, UEi HUB**

## Features

- Ambient CO2 readings to test building IAQ
- Integrate optional wireless probes
- CO over-range pump protection from high CO levels
- High-contrast graphic display
- **UEi LOCK** Theft Protection: Coming Soon (details below)
- **UEi Concierge+** 15-min analyzer review with a tech
- **CO sensor, 10,000ppm H2 Compensated & NOx filtered**
- CO2 sensor (flue or ambient)
- O2, sensor
- Differential Pressure and draft
- Flue and Inlet Temperature, differential temperature
- Combustion Efficiency and Excess Air
- Heat Exchanger test
- Room CO test
- Optional NO (Nitric Oxide) sensor upgradable
- Protective Boot with built-in magnetic mount
- Low Flow Detection to protect reading accuracy
- Flue probe with integrated gas, temperature, and draft hose connections
- Protective water trap
- Calibration countdown reminders
- Optional thermal printer for on-site hard copy printouts



## UEi SERVICE+ GUARANTEED! FOR LIFE

Our industry-leading, award-winning promise to never let you down. Each annual recertification offers an additional 1-year warranty, for the working life of the analyzer. See details on back and complete details at [ueitest.com/service](http://ueitest.com/service).

## UEi LOCK

An optional anti-theft feature that can be turned on through the App **UEi HUB** to help prevent use if stolen. - **Coming Soon.**



## UEi CONCIERGE+

Active **UEi Concierge+** service by registering your ACA at [ueitest.com](http://ueitest.com) for details on how to book a 15-minute call with a certified technician. It's your time to ask anything from general setup, specific testing, or utilizing **UEi Service+ Guaranteed!**



UEi Analyzers are **Calibrated Fresh** before shipping.





### Backed by An Award-Winning Promise To Never Let You Down



BACKED BY  
**UEi SERVICE+**

WARRANTY  
**FOR LIFE**

SAME DAY SERVICE  
**GUARANTEED**

UPS  
FREE SHIPPING  
ON ANNUAL SERVICE

**UEi SERVICE+ GUARANTEED!**

2024  
DEALER DESIGN AWARDS  
SERVICE & SOFTWARE  
NEWS GOLD

**Warranty:** All UEi combustion analyzers have a standard 1-year warranty. Annual recertification will extend the warranty for an additional year. **UEi Service+ Guaranteed! FOR LIFE** means UEi will offer this extended warranty each year for the working life of the analyzer.

**Transparent Pricing:** Contractors who book recertification at [www.ueitest.com/service](http://www.ueitest.com/service) within 12 months from either the date of purchase or the date of the last recertification will receive reduced service pricing\* that lowers the cost of ownership and 2 additional benefits:

**Same Day Recertification:** All qualifying analyzers received for recertification through UEi Service+ are returned on the same business day, **Guaranteed\*** (ACAN analyzers with nitric oxide sensor turnaround is 48 hours Guaranteed).

**Free Shipping:** UEi Service+ offers free shipping both to and from our service center. When customers book their recertification, they receive a prepaid UPS Ground shipping label.

Details at [UEiTEST.COM/Service](http://UEiTEST.COM/Service)

### ACA Includes & Kit Options

	ACA	ACAKIT	ACAN	ACANKIT
ACA Analyzer	✓	✓	✓	✓
Flue Probe (CP30)	✓	✓	✓	✓
Rechargeable Batteries, 3 (AA)	✓	✓	✓	✓
USB Charging Cable (AACA5)	✓	✓	✓	✓
K-Type Thermocouples, 2 (ATT29)	✓	✓	✓	✓
Hard Carrying Case (AC509)	✓	✓	✓	✓
Particle Filter (spare) (17631)	✓	✓	✓	✓
Quick Start Guide	✓	✓	✓	✓
Certificate of Calibration	✓	✓	✓	✓
IR Thermal Printer (IRP-2)		✓		✓
Thermal Paper Roll (spare (16646)		✓		✓
Nitric Oxide sensor			✓	✓

### 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*	0 to 21%	0.1%	+0.3% Volume
Carbon Monoxide*	0 to 2000ppm	1ppm	±3ppm or ±5% of rdg
	2000 to 9999ppm		±10% of rdg
	Above 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

\* Using dry gases at STP

#### PRESSURE (DIFFERENTIAL)

Parameter	Range	Resolution	Accuracy
Pressure (Differential)	±80mbar	0.1mbar	±0.5% FSD
<b>PRE-PROGRAMMED FUELS</b>	NAT GAS, H OIL, PELLETS, OIL, LPG, BUTANE, PROPANE		
<b>USER PROGRAMMED FUELS</b>	5 User defined fuels		
<b>STORAGE CAPACITY</b>	45 Total Tests		



### Wireless Capability

SCAN FOR FREE APP **UEi HUB**



Operate meter, graph, log and email results from App.

### Downloads



Manual



Data Sheet



Made in  
UNITED KINGDOM

