



Combustion Analysis For Commercial Boilers and Furnaces



BACKED BY
UEi
SERVICE+



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.

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 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.

DESIGNED BY
MADE BY
BACKED BY
UEi



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



SERVICE & SOFTWARE

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 within 12 months from either the date of purchase or the date of the last recertification will receive reduced service pricing¹ 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

ACA Includes & Kit Options

	ACA	ACAKIT	ACAN	ACANKIT
ACA Analyzer	✓	✓	✓	✓
Flue Probe (CP30)	✓	✓	✓	✓
Rechargeable Batteries, 3 (AA)	✓	✓	✓	✓
USB Charging Cable (AACAS5)	✓	✓	✓	✓
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
PRE-PROGRAMMED FUELS	NAT GAS, H OIL, PELLETS, OIL, LPG, BUTANE, PROPANE		
USER PROGRAMMED FUELS	5 User defined fuels		
STORAGE CAPACITY	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

