Combustion Analysis
For Commercial Boilers and Furnaces

BACKED BY

UEi SERVICE+

WARRANTY FOR LIFE OF ANALYZER

SAME DAY SERVICE GUARANTEED

UPS® FREE SHIPPING ON ANNUAL SERVICE

UEi Service+ Guaranteed FOR LIFE!

High-contrast, easy-to-read graphic display

CO, CO_2, and O_2 Gases Measured

CO over-range pump protection from high CO levels

Wireless to App, UEi HUB for reporting

Features
- *UEi LOCK* Theft Protection: Coming Soon (details below)
- *UEi Concierge+* 15-min analyzer review with a tech
- CO sensor, 10,000ppm H_2 Compensated & NOx filtered
- CO_2 sensor
- O_2, 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
- KANE LINK™ to optional wireless probes

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 full benefits 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 HUB

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!**

CALIBRATED FRESH

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

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DEALER DESIGN AWARDS 2024 theNEWS | GOLD
SERVICE & SOFTWARE

Warranty For LIFE: All **ACA** combustion analyzers have a standard 1-year warranty. Each annual recertification extends the warranty for 1 more year for the working *LIFE of the Analyzer*.

Contractors who book recertification of a ACA analyzer 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 pricing[1] 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 with nitric oxide sensor trunaround 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 (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

CE | RoHS Compliant | REACH Compliant | AHRI 1260 Standard

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

UEi HUB

Available on the App Store

GET IT ON Google Play

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

Downloads

Manual   **Data Sheet**

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Made in UNITED KINGDOM