

Customize Your Analyzer To Your Industrial Job!











Functions

- Measures: 02 (21%), CO 10,000ppm (H2 compensated & 100,000ppm/10%), Temperature (Inlet, flue, differential, ambient, flow and return Differential pressure (High accuracy ±160mBar).
- Calculates: efficiency, excess air, CO/CO2 ratio, loss, Poison Index (Pi), and airflow Pitot tube, and Nitrogen Oxides (NOx pending sensors installed)

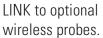
Features

- · Backed by UEi Service+
- Up to 10-Year warranty with annual recertification
- **LINK** optional wireless probes (See back for optional probes)
- NOx filtered & H2 Compensated CO sensor
- Low Flow Detection to protect reading accuracy
- · Large graphic color display
- Protective water trap with water stop filter using hydrophobic technology to stop water vapor
- Wireless connection to a Free Printer App (iOS® and Android™ Compatible)
- 2200 memory positions
- Protective Boot with built-in magnet and hand grip
- 15 pre-programmed fuels
- 5 User defined fuels

Includes

- Flue Probe High Temperature PTFE (CP2T)
- Rechargeable Batteries, 3 (AA)
- Charger
- Pressure Hose
- Handset carrying pouch
- UEi Tool Backpack (AC550)
- Manual









Applications

- Install, commission & service any heating & hot water system using any fossil, biomass & HVO fuel
- Optional environmental sensors test to local regulations
- Accurate NO2 & SO2 measurements with optional KANE-GCU gas conditioning unit
- Safety checks CO in rooms & around appliances
- Combustion performance & efficiency tests
- Flue draft & gas pressure / system tightness tests
- Flow & return, air flow & air quality tests

KANE988 Analyzer Standard Configuration

- CO (Carbon Monoxide) H2 0-10,000ppm Sensor
- 02 (Oxygen) 0-21% Sensor
- CO2 (Carbon Dioxide) 0-20% Sensor
- CO (Carbon Monoxide) 10% H2 100,000ppm Sensor
- Pressure Sensors, 2 Psi

Choose Your Additional Sensors

- Add any combination of up to 4 toxic sensors:
- Additional sensor combination ordering info:

Stock Code	UPC	NO 0-5,000 ppm Nitric Oxide Sensor	NO2 0-200 ppm Nitric Dioxide Sensor	S02 0-5000 ppm Sulfur Dioxide Sensor	H2S 0-200 ppm Hydrogen Sulfide Sensor
KANE988	053533900231				
KANE988N	053533900408	•			
KANE988N2	053533900415		•		
KANE988S	053533900422			•	
KANE988H	053533900439				•
KANE988NN2	053533900446	•	•		
KANE988NS	053533900453	•		•	
KANE988NH	053533900460	•			•
KANE988N2S	053533900477		•	•	
KANE988N2H	053533900477		•		•
KANE988SH	053533900491			•	•
KANE988NN2S	053533900507	•	•	•	
KANE988NN2H	053533900514	•	•		•
KANE988NSH	053533900521	•		•	•
KANE988N2SH	053533900538		•	•	•
KANE988NN2SH	053533900545	•	•	•	•

Optional Accessories

- Infrared Thermal Wireless Printer (IRP2) To print permanent records for your customers
- Smoke Pump Tester (SPT1) For gas and oil fired applicances
- Wireless KANE LINK™ Pipe Clamp Temp Probes (WPC2K) Measure boiler supply and return water temperatures conveniently (2)
- Wireless KANE LINKTM Air Flow Psychrometer (DTHA2) Measure airflow, humidity, dew point, wet & dry bulb, volumeteric flow readings.









Specifications

PARAMETER	RANGE	RESOLUTION	ACCURACY		
Temperature Measurement					
Flue & Inlet Temperature External sensor	-50 - 1200°C	0.1°C	±0.1°C ±0.3% reading		
Inlet Temperature Internal sensor	0-50°C	0.1°C	±1°C ±0.3% reading		
Flue Gas Measurement					
Oxygen, O2	0 - 25%	0.1%	±0.3% Volume		
Carbon Monoxide, CO H2 Compensated	0 - 10,000ppm 10,000 - 100,000ppm	1ppm	±5ppm < 100ppm ±5% > 400ppm - 2,000ppm ±10% > 2,000ppm -10,000ppm		
Carbon Monoxide, High Range NDIR	0 - 10%	0.1%	±5% or reading from 0.1% to 10%		
Carbon Dioxide, NDIR	0 - 20%	0.1%	±0.3% reading		
Hydrocarbon, NDIR	0 - 5000ppm Over-range: 10,000ppm	1ppm	±5% of reading or ±12ppm volume		
Nitric Oxide, NO (optional)	0 - 5000ppm	1ppm	±5ppm < 100ppm 5% > 100ppm		
Nitrogen Dioxide, NO ₂ (optional)	0 - 1000ppm	1ppm	±5ppm < 100ppm 5% > 100ppm		
Sulphur Dioxide, SO ₂ (optional)	0 - 5000ppm	1ppm	±5ppm < 100ppm ±5% > 100ppm		
Hydrogen Sulphide, H2S (optional)	0 - 200ppm	1ppm	±5ppm<100ppm ±5%>100ppm		
Pressure Measurement					
Pressure (Differential)	±160mbar	0.1mbar	±0.5% Full scale displayed		
Calculations					
Losses	0 - 99.9%	0.1%	±1.0% reading		
Poison Index	0 - 99.99	0.1%	±0.01		
Carbon Dioxide	0 - 20%	0.1%	±0.3% Volume		
CO/CO2 Ratio	0 - 0.9999	0.0001	±5% of reading		
Efficiency (Net or Gross)	0 - 99.9%	0.1%	±1% of reding		
Efficiency High (C)	0 -119.9%	0.1%	±1% of reading		
Excess Air	0 -119.9%	0.1%	±0.2% of reading		
Pre-programmed Fuels	Natural Gas, Kinsale Gas, Natural Gas L, Town Gas, Gas Cor, Propane, LPG, Butane, Light Oil, Digester Gas, Heavy Oil, Coal, Anthracite, Wood Pellets, Coke, 5x User defined fuels				
Battery Life	>6 hours from full charge				
Certification	KANE988 is independently tested and certified to EN50379 parts 1-3				



Made in UNITED KINGDOM







Complete Care for your Combustion Analyzer



10 Year Warranty: All UEi combustion analyzers have a standard 1-year warranty. Each recertification extends the warranty for 1 more year for up to **10 years** from the date of purchase.



Contractors who book recertification of a C160 series 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 that lowers the cost of ownership and 2 additional benefits:



2-Day Service: All qualifying KANE988 analyzers received for recertification through UEi Service+ are returned in 2 business days due to the toxic gas sensors. So, if we receive your analyzer Monday, our commitment is to ship it back Wednesday.



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.

That's UEi Service+! See Details at www.ueitest.com/service



Our ISO/IEC 17025:2017 certified service center in Indianapolis provides NIST Certification and ISO Accredited Certification services by factory-trained professionals.

Details at www.ueitest.com/NIST