



Customize Your Analyzer Your Way!



BACKED BY

UEi
SERVICE+

10
YEAR
WARRANTY



Functions

- Measures: O₂, CO, inlet temperature, flue temperature, differential pressure/ draft
- Calculates: efficiency, CO₂, net temperature differential, losses, excess air, CO/CO₂ ratio, high level concentration CO

See back for customizable sensor options.

Features

- Backed by UEi Service+
- Up to 10-Year warranty with annual recertification
- LINK optional wireless probes (See back for optional probes)
- NO_x filtered & H₂ Compensated CO sensor (10,000ppm range)
- Over-range protection pump
- Low Flow Detection to protect reading accuracy
- 6 line backlit display
- Protective water trap
- Wireless connection to a Free Printer App (iOS® and Android™ Compatible)
- 45 memory positions
- Protective Boot with built-in magnet
- 8 pre-programmed fuels



LINK to optional wireless probes.



Includes

- Flue Probe - High Temperature PTFE (CP2T)
- Rechargeable Batteries, 3 (AA)
- USB Charging Cable (AAC5)
- Pressure Tubing
- Inlet Connectors Red, 2 (SM11105)
- Inlet Connectors Black, 2 (SM11103)
- Particle Filter, Spare (17631)
- Water trap plug replacement (CM11667/2)
- UEi Tool Backpack (AC550)
- Manual (202212)



Specifications

PARAMETER	RANGE	RESOLUTION	ACCURACY
Temperature Measurement			
Flue & Inlet Temperature External sensor	0 - 600°C	0.1°C	±0.5°C
Inlet Temperature Internal sensor	0.50°C	0.1°C	±1°C
Flue Gas Measurement			
Oxygen, O ₂	0 - 25%	0.1%	±0.3% Volume
Carbon Monoxide, CO H ₂ Compensated	0 - 10,000ppm	1ppm	±5ppm < 100ppm ±5% > 400ppm - 2000ppm ±10% > 2000ppm -10,000ppm
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
Pressure Measurement			
Pressure (Differential)	±160mbar	0.1mbar	±0.5% FSD
Calculations			
CO/CO ₂ Ratio	0 - 0.9999	0.0001	±5% of reading
Efficiency (Net or Gross)	0 - 99.9%	0.1%	±1% of reading
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, LPG, Light Oil, Bio Gas, Coke, Wood, Heavy Oil, Coal		
Battery Life	>8 hours (continuous with pump on)		
Certification	KANE958 is independently tested and certified to EN50379, Parts 1-2 in accordance to 1st German Federal Emission Control Ordinance (BimschV)		

Downloads



Manual



Data Sheet



Made in
UNITED KINGDOM



Available Kits

Part #	KANE958	KANE958KIT	KANE958NOKIT	KANE958HIGHCOKIT
UPC	053533509250	053533900248	053533900255	053533900262
O ₂ Oxygen Sensor	•	•	•	•
CO (10,000 ppm) H ₂ Compensated Sensor	•	•	•	
IR Wireless Thermal Printer		•	•	•
NO Nitric Oxide Sensor			•	
CO (100,000 ppm) H ₂ Compensated Sensor				•

Customizable Options

CO Sensor Upgrade

- Carbon Monoxide Sensor (CO)
100,000 ppm (H₂ Compensated).

Add up to 2 toxic gas sensors

- Nitric Oxide Sensor (NO)
- Nitric Dioxide Sensor (NO₂)
- Sulfur Dioxide Sensor (SO₂)

Optional Accessories

- IR Thermal Wireless Printer (IRP2)
- Smoke Pump Tester (SPT1)
- Wireless LINK Pipe Clamp Temp Probes (WPC2)
- Wireless LINK Air Flow Psychrometer (DTHA2)