



PRODUCT CATALOGUE

Volume 74



WWW.KANETEST.CA

1.877.475.0648



Coming Soon...

KANE460 HVACR



A Game Changer



DESIGNED BY
MADE BY
KANE





KANE258

KANE358

KANE458S

KANE958

KANE988

RESIDENTIAL >>> COMMERCIAL >>> INDUSTRIAL

Function	KANE258	KANE358	KANE458S	KANE958	KANE988
KANE CARE	•	•	•	•	•
CO ₂ (Carbon Dioxide)	Measured	Measured	Measured	Calculated	Measured
O ₂ (Oxygen)	Calculated	Calculated	Calculated	Measured	Measured
CO (Carbon Dioxide)	Measured	Measured	Measured	Measured	Measured
Differential Temperature	•	•	•	•	•
Combustion Efficiency, Excess Air	•	•	•	•	•
Low Flow Detection	•	•	•	•	•
High Altitude Compensation	•	•	•	•	•
NO _x Protected CO Sensor	•	•	•	•	•
Heat Exchanger Test	•	•	•	•	•
Differential Pressure		•	•	•	•
Purge Pump Protection for CO Sensor		•	•	•	•
Wireless to Kane Live		•	•	•	•
H ₂ Compensated CO Sensor			•	•	•
Kane Link Enabled			•	•	•
Wireless Pipe Clamps (2 Included)			•	•	•
NO (Nitric Oxide)			Optional	Optional	Optional
NO ₂ (Nitrous Dioxide)				Optional	Optional
SO ₂ (Sulfur Dioxide)					Optional
HC (Hydro Carbon)					•
Warranty*	1-Year limited	1-Year limited	1-Year limited	1-Year limited	1-Year limited

We've Got Your Back!

* KANE CARE gives you up to a 10 year warranty with annual recertification. Every years extends your warranty one more year.





Residential/Commercial Combustion Analyzer KANE458S

Specifications

TEMPERATURE MEASUREMENT

Parameter	Range	Resolution	Accuracy
Flue temperature	32° to 1112°F (0° to 600°C)	0.1°F	+3.6°F +0.3% rdg
Inlet temperature (internal sensor)	32° to 112°F (0° to 50°C)	0.1°F	+1.8°C +0.3% rdg
Inlet temperature (external sensor)	32° to 1112°F (0° to 600°C)	0.1°F	+3.6°F +0.3% rdg

FLUE GAS

Parameter	Range	Resolution	Accuracy
Oxygen	0 to 21%	0.1%	+0.3%
Carbon Monoxide	0 to 100ppm	1ppm	±5ppm
	100 to 400ppm		±20ppm
	400 to 2,000ppm		±5%
	2,000 to 9,999ppm		±10%
	Above 10,000ppm purge pump operates		Unspecified
Carbon Dioxide	0 to 20%	0.1%	0.3% volume
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

PRESSURE (DIFFERENTIAL)

Parameter	Range	Resolution	Accuracy
Normal range ±80mbar maximum over range without damage is ±400mbar	±32"WC (+80mbar)	Maximum 0.001" WC <9.9999" WC 0.001" WC >10.00" WC (0.001mbar <24.99mbar) (0.1mbar >25mbar)	±0.0002" WC (±0.005mbar)
±0.4" WC (±1mbar)			±0.01" WC (±0.03mbar)
±32"WC (±80mbar)			+3.6°F +0.3% rdg

PRE-PROGRAMMED FUELS	Natural Gas, Propane, Butane, LPG, Light Oils (28/35sec), Wood Pellets, Town Gas, Coke Gas, Bio Oil, Bio Gas
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STORAGE CAPACITY	30 tests
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KANE458s



Made in
UNITED KINGDOM

KANE458sKIT



Made in
UNITED KINGDOM

KANE458sNO



Made in
UNITED KINGDOM

KANE458sNOKIT



Made in
UNITED KINGDOM

KANE458sOILKIT



Made in
UNITED KINGDOM

KANE458sNOOILKIT



Made in
UNITED KINGDOM

Residential/Commercial Combustion Analyzer KANE458S

Residential/Commercial Combustion Analyzer



Functions

- Measures: CO (10,000ppm H2 Compensated), CO2, Differential Pressure, Flue and Inlet Temperature
- Calculates: Differential Temperature, Efficiency (Net, Gross), Excess Air

Features

- LINK to wireless probes
- Wireless Flow and Return Probes
- NOx filtered & H2 Compensated CO sensor (10,000ppm range)
- Over-range protection pump
- NOx filtered CO sensor
- Low Flow Detection
- Compatible with DTHA2
- Room CO test
- Differential Pressure
- Heat Exchanger test
- Protective water trap
- Wireless connection to a Free KANE Printer App (iOS® and Android™ Compatible)
- Up to 10 year warranty with annual recertification

Includes

- Probe (CP2)
- Rechargeable batteries 3 (AA)
- USB Charging cable (WIR00067)
- Quick Start Guide





Residential/Commercial Combustion Analyzer w/ Pressure

KANE358

Specifications

Temperature Measurement

Parameter	Range	Resolution	Accuracy
Flue Temperature	32° to 1112°F (0° to 600°)	0.1°F (0.1°C)	±1.0°F (0.5°C)
Inlet Temperature (Internal Sensor)	32° to 112°F (0° to -50°)	0.1°F (0.1°C)	±2°F (1°C)
Inlet Temperature (External Sensor)	32° to 1112°F (0° to 600°)	0.1°F (0.1°C)	±1.0°F (0.5°C)

Flue Gas Measurement

Parameter	Range	Resolution	Accuracy
Carbon Monoxide	0 to 2000 ppm	1 ppm	±3 ppm or ±5% rdg (whichever is greater)
(Optional H2 Compensated)	2000 to 10000 ppm	1 ppm	±10% rdg
Carbon Dioxide	0 to 20%	0.1%	±0.3% volume

Calculations

Parameter	Range	Resolution	Accuracy
Oxygen	0 to 21%	0.1%	±0.3% volume
Efficiency (Net or Gross)	0 to 99.9%	0.1%	±1% rdg
Excess Air	0 to 119.9%	0.1%	±0.2% rdg

Pre- Programmed Fuels	Natural Gas, Propane, LPG, Light Oil, Heavy Oil, Bio Oil, Pellets
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Battery Life	>8 hours (continuous with pump on)
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Certification	The KANE358 is TUV-tested and certified to EN 50379, Parts 1-3 in accordance to 1st German Federal Emission Control Ordinance (BimSchV)
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Operating Conditions

Temperature	32° to 113°F (0° to 45°C)
Humidity	15% to 90% R.H.

Storage Temperature	0° to 113°F (-18° to 50°C)
Power Supply	Rechargeable Batteries, USB Charging

Dimensions

Dimensions	8.54" x 4.18" x 1.86"
Weight	1 lb., 5.1 oz.



Residential/Commercial Combustion Analyzer w/ Pressure

KANE358

Residential/Commercial Combustion Analyzer w/ Pressure



Functions

- Measures: CO, CO2, Differential Pressure, Flue and Inlet Temperature
- Calculates: Differential Temperature, Efficiency (Net, Gross), Excess Air

Features

- Up to 10-Year warranty with annual recertification
- Differential Pressure
- 3 types of sensor protection:
- Over-range protection pump
- NOx filtered CO sensor
- Low Flow Detection
- Large 6-line backlit display
- Temperature Differential w/ K-Type probe inputs
- Protective water trap

Includes

- Rechargeable batteries 3 (AA)
- Probe (CP2)
- USB Charging cable (WIR00067)
- Particle Filter (spare) 17631
- Tubing w/ connector (11000)
- K-Type Thermocouples, 2 (ATT29)
- Quick Start Guide
- Carry case (AC509)





Residential Combustion Analyzer

KANE258

Specifications

Temperature Measurement

Parameter	Range	Resolution	Accuracy
Flue Temperature	32° to 1112°F (0° to 600°C)	0.1°F (0.1°C)	±1.0°F (0.5°C)
Inlet Temperature (Internal Sensor)	32° to 112°F (0° to 50°C)	0.1°F (0.1°C)	±2°F (1°C)
Inlet Temperature (External Sensor)	32° to 1112°F (0° to 600°C)	0.1°F (0.1°C)	±1.0°F (0.5°C)

Flue Gas Measurement

Parameter	Range	Resolution	Accuracy
Carbon Monoxide	0 to 2000 ppm	1 ppm	±3 ppm or ±5% rdg (whichever is greater)
Carbon Dioxide	0 to 20%	0.1%	±0.3% volume

Calculations

Parameter	Range	Resolution	Accuracy
Oxygen	0 to 21%	0.1%	±0.3% volume
Efficiency (Net or Gross)	0 to 99.9%	0.1%	±1% rdg
Excess Air	0 to 119.9%	0.1%	±0.2% rdg

Pre- Programmed Fuels	Natural Gas, Propane, LPG, Light Oil, Heavy Oil, Bio Oil, Pellets
-----------------------	---

Battery Life	>8 hours (continuous with pump on)
--------------	------------------------------------

Certification	The KANE258 is TUV-tested and certified to EN 50379, Parts 1-3 in accordance to 1st German Federal Emission Control Ordinance (BimSchV)
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Operating Conditions

Temperature	32° to 113°F (0° to 45°C)
Humidity	15% to 90% R.H.

Storage Temperature	0° to 113°F (-18° to 50°C)
Power Supply	Rechargeable Batteries, USB Charging

Dimensions

Dimensions	8.54" x 4.18" x 1.86"
Weight	1 lb., 5.1 oz.

KANE258



0 53533 90007 1

Made in
UNITED KINGDOM

KANE258KIT



0 53533 90008 8

Made in
UNITED KINGDOM

Residential Combustion Analyzer

KANE258

Residential Combustion Analyzer



Functions

- Measures: Flue temperature, Inlet temperature (Internal & External Sensor), CO, CO2
- Calculates: O2, CO/CO2, Efficiency (Nett or Gross), Excess Air, Losses
- Low flow detection

Features

- Large 6 line display
- EOS Technology
- NOx Filtered
- Water Trap Indication
- High Altitude Compensation
- Up to 10 year warranty with annual recertification

Includes

- Probe (CP2)
- Rechargeable batteries 3 (AA)
- USB Charging cable (WIR00067)
- Quick Start Guide



KANE CARE - HAS ARRIVED



MODEL	KANE158	KANE258	KANE358	KANE458S
Year 1	169.95	179.95	189.95	199.95
Year 2	169.95	179.95	189.95	199.95
Year 3	169.95	179.95	189.95	199.95
Year 4	169.95	179.95	189.95	199.95
Year 5	229.95	249.95	269.95	289.95
Year 6	199.95	219.95	229.95	239.95
Year 7	199.95	219.95	229.95	239.95
Year 8-10	TBD at market value			

Industrial Analyzer recertification:

For Recertification and service pricing on KM9206, KM9106, KM900, 900+, 905,940, 945, KANE958 & KANE988 please call or send us an email with your configuration.

NIST Certification Available

View our Certificates and Capabilities visit us on line



*Recertification and warranty service does not cover worn accessories or damaged parts by misuse or negligence. Pricing is subject to change at any time without notice. For service information on all other UEi or Kane Products please call us at 1-877-475-0648.



THE KANE CARE SERVICE & RECERTIFICATION PROGRAM

The **BEST AFTER SALES SUPPORT** when you buy a KANE Analyzer - Register your Analyzer and Receive:



- ★ **10 Year warranty with annual recertification***
- ★ **Free Return courier to your location.**
- ★ **Theft protection - 25% off* when replacing your obsolete or stolen KANE analyzer.**
- ★ **All inclusive fixed pricing offering lowest cost of ownership.**
- ★ **Canadian based sales & technical support.**
- ★ **Exclusive email offers.**

KANE CARE applies to KANE258, KANE358 & KANE458S and all of their configurations - more info at: www.KaneTest.ca or call 1.877.475.0648

*Discount of retail price

T&Cs apply



Combustible Gas Leak Detector w/ 17.5 Inch Gooseneck

KANE700

- 17.5 inch gooseneck
- Sensitivity: <50ppm
- Audible indicator: variable tic rate
- Visual indicator: Flashing multicolored LED's
- Response time: 20 sec.
- Sensor: Solid state semi conductor
- Detects: Acetone, Alcohol, Ammonia, Benzene, Butane, Ethylene, Hydrogen, Methane, Naphtha, Natural Gas, Propane, Toluene, Gasoline, Jet Fuel, Lacquer, Thinners



Digital Psychrometer

DTH35

Digital Pock Psychrometer with probe cover that can be used as an extension

- Temperature -4° to 122°F (-20° to 50°C)
- Relative humidity 99.90%
- Enthalpy 125 BTU/LB
- Wet Bulb 121.8°F
- Dew point 121.8°F



1000V Dual Level Tester - Non contact

KANENCV3

- 24V to 1000V AC detection
- Hi/Lo voltage detection
- Visual LED alert
- Audible alert
- Worklight
- Magnetic mount
- Auto power off
- Low battery indication



Residential Combustion Analyzer w/ Printer Kit

KANE258KIT



Functions

- Measures: Flue temperature, Inlet temperature (Internal & External Sensor), CO, CO2
- Calculates: O2, CO/CO2, Efficiency (Nett or Gross), Excess Air, Losses
- Low flow detection

Features

- Large 6 line display
- EOS Technology
- NOx Filtered CO Sensor
- Water Trap Indication
- High Altitude Compensation
- Kane Care Included

Includes

- Flue Probe (CP2)
- Printer Paper Roll (16646)
- Rechargeable Batteries 3 (AA)
- USB Charging Cable (WIR0067)
- KANE IRP-3 Infrared printer
- ATT29 x 2



Combustion Analyzer w/ printer and High Altitude Compensation

KANE458SKIT



KANE LINK™

Function

- Measures: CO (10,000ppm H2 Compensated), CO2, Differential Pressure, Flue and Inlet Temperature
- Calculates: Differential Temperature, Efficiency (Net, Gross), Excess Air

Includes

- Flue Probe (CP2)
- KANE IRP-3 Infrared printer
- Printer Paper Roll (spare) (16646)
- Rechargeable Batteries 3 (AA)
- USB Charging Cable (WIR0067)
- Wireless Pipe Clamp Probes 2 (WPC2)
- Tubing w/ connector (11000)
- K-Type Thermocouples 2 (ATT29)
- Particle Filter (spare) (17631)
- Carrying Case (AC509)
- Quick Start Guide

Features

- LINK to wireless probes
- Wireless Flow and Return Probes
- H2 Compensated CO sensor (10,000ppm range)
- Over-range protection pump
- NOx filtered CO sensor
- Low Flow Detection
- Compatible with DTHA2
- Room CO test
- Differential Pressure
- Heat Exchanger test
- Protective water trap
- Wireless connection to a Free KANE Printer App
- (iOS® and Android™ Compatible)
- Kane Care Included



Independently tested by TUV SUD to EN50379 & EN50543
Use for BS7967, TB143, BS8494, CMDDA1 & COMCAT



KANE958, KANE988 & QUINTOX

Welcome to our Automotive & Industrial Combustion Emissions Testing Product Line

We are the only UK manufacturer of automotive & industrial exhaust gas analyzers with a an extended warranty if serviced annually. From Autos to Zambonis, buses to boilers & cars to container ships, we have a KANE analyzer for you.



KANE958

- LINK capability to wireless probes
- 6 line back lit display
- Over range protection pump
- NOx filtered & H2 compensated CO sensor
- Low flow detection
- Options for up to 7 gas measurements



KANE988

- Tests any boiler up to & over 5MW / 50 mbar draught with high suction pump.
- Wirelessly connects optional KANE LINK devices to measure flow & return, air flow & air quality



KANE9206

- We use electro-chemical sensors to monitor Carbon Monoxide, Nitrogen Dioxide, Nitric Oxide, Sulphur Dioxide, Hydrogen Sulphide & Oxygen.
- Combine up to five electro-chemical sensors with our infra-red measurement technology.

All backed by KANE CARE SERVICE PROGRAM

Our promise to never let you down

If you're not sure which is right for you please call us 1-877-475-0648 or visit www.kanetest.ca



KANE LINK™

DTHA2 & WPCP2 OPTIONAL ACCESSORIES ALLOW FOR WIRELESSCONNECTIVITY AND TESTING



DTHA2 - Wireless Airflow/ Humidity/ Temperature Meter

- ✓ Wirelessly measure airflow, temperature & humidity
- ✓ See real time results on your KANE LINK enabled FGA
- ✓ Free App for Smart device



WPCP2 Pipe Clamp probes





Indoor Air Quality Wireless Carbon Monoxide Monitor and Personal CO Alarm

KANE79



Features

- Protect yourself from unexpected sources of CO
- Detects 0 – 999ppm CO to 1 ppm resolution
- Green, Yellow, Red visual alarm & audible alert with Max & Hold
- Wirelessly connect up to 4 KANE79 to your KANE LINK analyzer
- Safely test 4 rooms simultaneously for CO migration without trailing cables
- Store, print or wirelessly transfer tests from your KANE LINK analyser

Range:	0-999ppm
Resolution:	1ppm
Accuracy:	$\pm 3\text{ppm}$ 0 to 100ppm ¹ $\pm 5\%$ reading > 101ppm
Visual Indication:	LCD and LED
Battery:	Up to 250 hours ² Duracell Procell
Battery Life:	9V alkaline PP3
Ambient Temperature:	0-40°C (32-104°F)



KANE  LINK™

Digital In-Duct Mini Vane Anemometer

DAFM4

Functions

- Directly capture air temperature, relative humidity and air velocity.
- Calculates wet bulb temperature, dew point temperature and air volume.
- Enter duct dimensions for live or timed average of air flow in CFM (or CMM), or use the effective area of a grill for outlet volume measurements.
- Air volume is displayed in real-time, or choose a timed average with start/stop capabilities to traverse ductwork.

Features

- Hold :Yes
- Min/Max : Yes
- Auto power off : Yes
- Low Battery warning : Yes
- Selectable units : Yes

Includes

- Battery-9V
- Case



Multi-purpose Digital Air Flow Anemometer/ Psychrometer

DAFM3B

Functions

- Measures: air velocity, temperature and humidity
- Calculates: wet bulb, dew point and air volume (CFM, CMM)

Includes

- Hard carrying case
- Manual

Features

- Up to 1 hour accumulative average
- Handheld size, easy to carry
- English/ Metric scales
- Auto power off selectable
- Low battery indication
- Professional remote vane
- Protective twist cap for temperature/humidity sensor



Cable Length Meter

CLM100

Functions

- Measures 25' to 30,000'
- Wire size: 26 ga to 4/0 ga
- 250 MCM – 500 MCM
- Milliohm measurement capability
- Resistance 65Ω

Features

- Measures copper and aluminum cables, covers major wire gauges
- Automatic temperature compensation
- Reads in feet and meters
- Auto power off
- Calibration mode





Carbon Monoxide Detector

Use as a *Stand-Alone Detector* or
Connect to a Smart Device

Wireless Carbon Monoxide Detector w/ CO Sensor Self-Test

KANECO2 UPC: 053533508475



Functions

- CO Detection: 0 to 999 ppm
- Resolution: 1 ppm

Features

- Wireless
- Free App: can log/graph/email
- iPhone® or Android™ compatible
- CO sensor Self-Test
- Audible alert
- 3 Color warning alert
- Max value capture
- Hold

Includes

- Free App
- Batteries 3 (AAA)
- Manual

Warranty

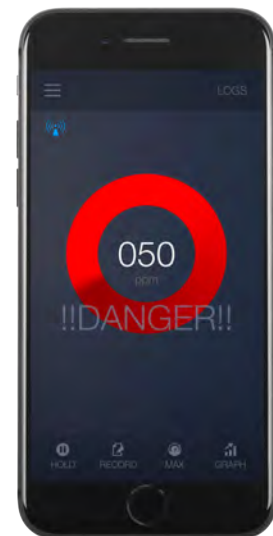
- 1-Year limited warranty

Safety Certifications

- CE Conformity

Support materials

- Manual: 201972
- Data sheet: L479



1000V Digital Multimeter KANE505



Functions

- 1000V AC/DC
- 10A AC/DC
- Resistance: 40MΩ
- Diode test

Features

- Auto/ Manual ranging
- Auto power off
- Min/Max
- Hold
- 1 ms Fast response Min/Max
- Low battery indicator

Warranty

1-Year limited warranty

Safety Certifications

CATIII 600V/CATII 1000V
1000V TOV
cELTus 3rd edition
IP 42
6' Drop protection



True RMS 1000V Digital Multimeter w/ Temperature KANE515



Functions

- True RMS
- 1000V AC/DC
- 10A AC/DC
- Resistance: 40MΩ

Features

- Auto/ Manual ranging
- Auto power off
- Min/Max
- Hold
- 1 ms Fast response Min/Max
- Low battery indicator
- Rubber boot

Warranty

1-Year limited warranty

Safety Certifications

CATIII 600V/CATII 1000V
1000V TOV
cELTus 3rd edition
IP 42
6' Drop protection



600V AC/DC Digital Insulation Resistance Tester KANE803

Functions

- 600V AC/DC
- Resistance: 20.00 Ω to 20.0 KΩ
- Earth-bond resistance

Features

- Compare reading function
- Pi/DAR test
- A-hold/ Hold
- Lock reading
- Rotary dial selector
- Protective rubber boot

Includes

Silicone test leads w/ alligator clips
(red and black) (ATL57)
Insulation test probe w/ alligator clips
(red & black)

Batteries
Manual
Soft carrying case

Warranty

1-Year limited warranty

Safety standards

CATIV 600V/CATIII 1000V
CE Conformity



1000V AC/DC Advanced Insulation Resistance Tester KANE807

Functions

- True RMS
- 1000V AC/DC
- Resistance: 20.00 Ω to 20.00 kΩ
- Earth-bond resistance
- Capacitance
- Frequency

Features

- PI/ DAR test
- A-hold/ Hold
- Min/Max
- Rotary style selector
- Protective rubber boot
- Kick stand
- Test lead holders

Includes

Silicone test leads w/ alligator clips
(red and black) (ATL57)
Insulation test probe w/ alligator clips
(red)
K-Type thermocouple
Soft carrying case
Batteries
Manual

Warranty

1-Year limited warranty

Safety Standards

CATIV 600V/CATIII 1000V
CE Conformity





TRMS 1000V Wireless Multimeter w/ Power Factor

Industrial Multimeter with Wireless Capabilities and High-end Accuracy

KANE525



Advanced Functionality

The True RMS KANE525 is rated to CATIV 600V/CATIII 1000V and offers a full range of functionality, 1000 volts, 20 amps, resistance, diode test, capacitance, continuity and 1 millisecond response fast min/max, temperature and Low Z, which improves accuracy by lessening the chance of incorrect readings from ghost voltages.

Power Factor

For technicians that need to calculate Power Factor the KANE525 measures Active, Apparent and Reactive Power or test for low Power Factor on reactive loads, harmonic currents or imaginary power from motor inductance.

Wireless to App

The DMM features a free app available on iOS® and Android™ devices. Once connected, the DMM can graph, log and email results in a variety of formats.

Functions

- 10A/20A AC/DC
- Resistance: 50MΩ
- Diode test
- Audible continuity
- 10A AC/20A DC
- Capacitance: 9999μF
- Temperature range: -49° to 1112°F (-45° to 600°C)
- Frequency: 99.99 kHz

Includes

- Pouch
- Manual
- 4 Batteries (AA)
- Silicone test leads
- Alligator clips 3
- Thermocouple

Features

- iOS® or Android™ compatibility
- Free App: 525 DMM
- Min/Max
- Hold
- 1 ms Fast response Min/Max
- Low battery indicator
- Rubber boot
- Test lead holders
- Kick stand

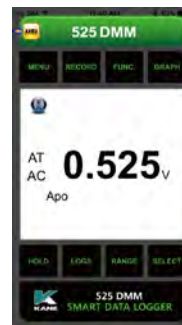


Available on the App Store

GET IT ON Google Play



RoHS Compliant



Hi-Res Differential Manometer w/ Wide Measurement Range

KANE3300



Functions

- Measures Pressure ± 80 in WC
- Accuracy: $\pm 0.03 < 3$ inchH₂O, $\pm 1\%$ rdg $>$ inchH₂O
- Resolution: 0.001" (-9.999 to +9.999 inchH₂O), 0.01" (< -10 , $> +10$ inchH₂O)

Features

- HOLD MIN/MAX/AVG
- Capture
- Ambient temperature measurement
- Backlight
- Auto Power off
- Low Battery Indicator

Includes

- Flexible Transparent Tubing
- Brass Fitting (2)
- Step connector w/ 3.15" tubing (2)
- Soft case
- Manual



KANE3300KIT



KANE3300KIT Includes

- KANE3300 Manometer
- Stepped T Fitting (2)
- Static Pressure Probe (2)
- Pressure Tubing w/ Brass Fitting (2)
- Step connector w/ 3.15" tubing (2)
- 60" Pressure Tube
- Soft Case

Applications

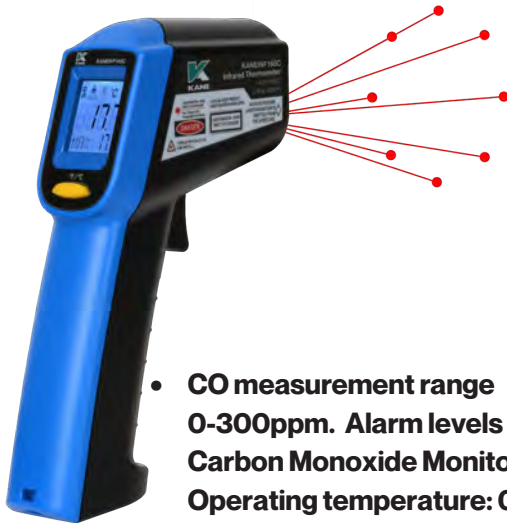
- Check gas pressures in accordance with equipment manufacturers specifications
- Measure draft, gas supply, manifold or burner pressures
- Dual input offers users the ability to measure pressure drops across heat exchangers, cooling coils, supply and return registers and filters



Circular Laser Targeting Eliminates Distance to Spot Guessing

12:1 Infrared Thermometer

KANE165C UPC: 053533507416



- **CO measurement range 0-300ppm. Alarm levels Carbon Monoxide Monitor Operating temperature: 0-40° C Battery life: Up to 2 years in normal operation (or >2800 hours in alarm)**

8-point circular laser

The INF165C has an eight-point circle outlining the measuring spot. This ends all confusion about the target being measured.

Large high-contrast backlit display

The large high-contrast backlit display makes viewing test results easy in either dark or well-lit work environments.

Essential functionality perfect for HVAC/R applications

The INF165C features essential functionality needed for HVAC/R non-contact measurements that include a wide temperature range, max value capture and is backed by a 1-year limited warranty.

Functions

- -76° to 1022°F (-60° to 550°C)
- 12:1 Distance to spot ratio

Features

- Circular laser targeting
- Max value capture
- Selectable emissivity (0.70, 0.95)
- Auto power off

Warranty

1-Year limited warranty

Safety standards

Danger - Class III Laser Product
CE Conformity

Includes

Batteries 2 (AAA)
Carrying case
Manual

iD-Safe™ Personal CO Alarm & ID Holder

KANE78



- Carbon Monoxide Monitor with Alarm Levels
- CO Measurement range 0 - 300ppm.
- Operating Temp. 0 - 40C
- Battery Life up to 2 years in normal operation



Thermal Imaging Camera

KANE T-CAM



Features

The large colour display & on-screen cursor
Accurately locate temperature hot spots.

3GB SD Card Data storage
Store up to 20,000 images that can be extracted through USB

Rechargeable battery
2-3 hours use in normal operation

Display Screen 2.8 inch full view TFT display

Four types of surface measurement modes:

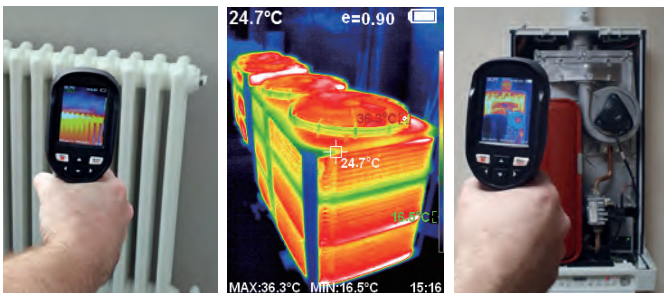
- Coarse surface
- Semi-matte surface
- Semi-shiny surface
- Shiny surface

Ideal for many industries including:

- Plumbing & Heating
- Radiators, underfloor heating, energy auditing etc.
- Automotive, Heated seats & windows
- High resistance in wiring, overheating wiring or components

Specifications

Model	KANE-TCAM
Display screen	2.8-inch full-view TFT display
Temperature measurement range	-20°C to 300°C (-4°F to 572°F)
Measurement accuracy	±2°C/±2%
Infrared image resolution	220×160
Visible image resolution	35200 pixel
LCD resolution	320×240
Field angle	35°×26°
Shortest focus length	0.15M
Thermal sensitivity	0.07°C
Frame rate of thermal images	9Hz
Focus mode	Fixed
Wavelength coverage	8-14um
Emissivity	Adjustable from 0.01 to 1.00





Professional Meters for applications not occupations...



DESIGNED BY
MADE BY
KANE

PART #	KANE49B	KANE569	KANE579	KANE589	KANE599
AC/DC Volts & AC Amps	✓	✓	✓	✓	✓
AC/DC Microamps		✓	✓	✓	✓
Resistance	✓	✓	✓	✓	✓
Continuity/Diode Test	✓	✓	✓	✓	✓
Dual Display		✓	✓	✓	✓
Min/Max/Hold	✓	✓	✓	✓	✓
High-Voltage alert		✓	✓	✓	✓
Capacitance			✓	✓	✓
Frequency / Duty Cycle	✓		✓	✓	✓
Non-Contact Voltage Detection			✓	✓	✓
Temperature			✓	✓	✓
Backlight/ Worklight			✓	✓	✓
True RMS	✓		✓	✓	✓
LRA Inrush			✓	✓	✓
Low Z			✓	✓	✓
Magnetic Mount		✓	✓	✓	✓
DC Amps/DC Zero	✓			✓	✓
Differential Temperature				✓	✓
Wireless to App					✓
3-Phase Motor Rotation Test					✓
Unbalanced Motor Test					✓
Low Pass Filter					✓
Auto selection AC and DC in Volts and Amps					✓
Warranty 1-Year Limited	✓	✓		✓	✓

Wireless TRMS Clamp Meter w/ 3-Phase & Unbalanced Motor Test

KANE599



- 3-Phase Motor Rotation
- Motor Unbalanced Test
- Low Pass Filter
- 1000V AC/DC
- 600A AC/AC
- 2000µA
- 60MΩ Resistance
- Capacitance 9999µF
- Diode/Continuity
- Temperature: -342° to 2462°F
- Frequency/Duty Cycle
- LRA Inrush
- Low Z
- NCV Detection

600A True-RMS Dual Display Clamp Meter w/ DC Amps & Differential Temperature

KANE589



- 600A AC/DC
- 1000V DC
- 750V AC
- 2000µA AC/DC
- 60MΩ Resistance
- Capacitance: 6000µF
- Differential Temperature: - 328° to 2462°F
- Frequency/Duty Cycle
- Audible Continuity
- Diode Test
- Non-Contact Voltage Detection
- LRA Inrush
- Low Z (impedance)

600A True-RMS Dual Display HVAC/R Clamp Meter

KANE579



- 600A AC
- 1000V DC
- 750V AC
- 2000 DC µA
- 2000 AC µA
- 60MΩ Resistance
- Capacitance: 6000 µF
- Temperature: -328° to 2462° F
- Frequency/Duty Cycle
- Audible Continuity
- Diode Test
- Non-Contact Voltage Detection
- LRA Inrush
- Low Z (impedance)

400A Dual Display Clamp meter w/Test Lead Storage

KANE569



- 400A AC
- 1000V DC
- 750V AC
- 40 kΩ Resistance
- DC mV
- Audible Continuity
- Diode Test
- Non-Contact Voltage Detection



INTRODUCING - KANE STARTER KITS

Everything you need to get the job done!

SK30



KANE3300KIT
Hi-Res Differential
Manometer Static
Pressure Kit

KANE589
600A True-RMS Dual
Display ClampMeter w/
DC Amps & Differential
Temperature

KANE700
Combustible Gas
Leak Detector
w/ 17.5 Inch
Gooseneck

ATTPC4
K-Type Pipe
Clamp Probe
(grip style)

PDT550
Digital Pocket
Thermometer
NSF



SK20



KANE3300
Dual
Differential
Digital
Manometer

KANE579
600A True-RMS
Dual Display HVAC/
R Clamp Meter w/
Temperature &
Capacitance

KANE700
Combustible
Gas Leak
Detector
w/ 17.5 Inch
Gooseneck

ATTPC4
K-Type Pipe
Clamp Probe
(grip style)

PDT550
Digital Pocket
Thermometer
NSF



SK10



KANE3300
Dual
Differential
Digital
Manometer

KANE569
400A Dual
Display
Clamp Meter
w/ Test Lead
Storage

KANE700
Combustible
Gas Leak
Detector w/
17.5 Inch
Gooseneck



PDT550
Digital Pocket
Thermometer
NSF

Accuracy and Repeatability in a Professional Micron Gauge

DMG150



Functions

- Measures in microns, pascals, Millibar, mmHg, mTorr
- Range 0 to 15,000 microns
- Maximum over pressure 700 psi

Features

- Instant warm-up time
- Instant response time
- Backlit display
- Small and light weight
- Oil contamination detection
- Sleep mode
- Ambient temperature measurement
- 5 units of measurement
- Real time leak measurement
- Time period leak measurement
- Sensor fail detection
- 1-Year limited warranty

Includes

- 45° degree coupler
- Battery (CR123A) 1
- Manual

Range	0 to 15,000 microns
Accuracy	0 to 9,999 $\pm 5\%$ rdg ± 5 micron; 10,000 to 15,000 $\pm 10\%$ rdg
Resolution	0.1 micron: <10,000 micron 1.0 micron: >10,000 micron
Units	Microns, Pa, mBar, mmHg, Millitorr
Warm-up time	Instant
Response time	Instant
Display	LCD backlit 5 digits
Power	CR123A
Battery life	Up to 100 hours
Operating temperature	10° to 122°F (-12° to 50°C)
Maximum overpressure	700 psi (34.5 Bar; 25857459.06 Microns)
Port	4, 45°
Weight	2.7 oz (77g) w/batteries
Dimensions	4.3" x 1.3" x 1" (11 cm x 3.3 cm x 2.5 cm)



Smart Wireless Refrigeration Scale 110 lb.*

WRS110

Features

- Requires compatible mobile device and free iOS® or Android™ App
- LED indicator lights on scale
- High accuracy, resolution and repeatability
- Wireless range: 35 to 100 ft (pending environment)
- Programmable alarm
- Lightweight, compact and durable frame
- Selectable units: Imperial or Metric

Functions

- Capacity 110 pounds (50Kg)
- Resolution 0.1 oz

Includes

- Free App for iOS® and Android™
- Battery (9V)
- Manual



Smart Wireless Refrigeration Scale 220 lb.*

WRS220

Features

- Requires compatible mobile device and free iOS® or Android™ App
- LED indicator lights on scale
- High accuracy, resolution and repeatability
- Wireless range: 35 to 100 ft (pending environment)
- Programmable alarm
- Selectable units: Imperial or Metric

Functions

- Capacity 220 pounds (100Kg)
- Resolution 0.2 oz

Includes

- Free App for iOS® and Android™
- Battery (9V)
- Manual
- Carrying pouch (AC419)



Smart Wireless High Capacity Refrigeration Scale *

WRSX

Features

- Optional display on mobile device with free iOS® or Android™ App
- High-contrast backlit LCD display
- High accuracy and repeatability
- Wireless range: 35 to 100 ft (pending environment)
- Programmable alarm
- Selectable units: Imperial or Metric
- Overload protection: Min 150% max load
- No-slip platform surface

Functions

- Capacity 330 lbs. (150Kg)
- Resolution 0.25 oz

Includes

- Free App for iOS® and Android™
- Rechargeable batteries
- Battery charger cable
- USB Carrying pouch (AC419)
- Manual



Refrigerant Leak Detector w/ Solid Electrolyte Sensor

RLD15B

Features

- Solid electrolyte semiconductor sensor technology
- Digital numeric leak size indicator
- 3 Sensitivity levels
- Visual LED leak alarm
- Automatic calibration and ambient level reset
- Splash resistant
- Worklight
- Hard carrying case

Functions

- Detects industry standard refrigerants including, but not limited to: HFC, HCFC, CFC (R134A, R410A)
- Hydrocarbon blends: HC-12a, OZ-12a

Includes

- Sensor filters 5 (RLDTF)
- Batteries 4 (AA)
- Hard carrying case
- Manual



iOS® and Android™ are property of their respective owners. * U.S. Patent D818858

KANE HUB

Free Intuitive App Features Vacuum, Refrigeration & Air Calculations

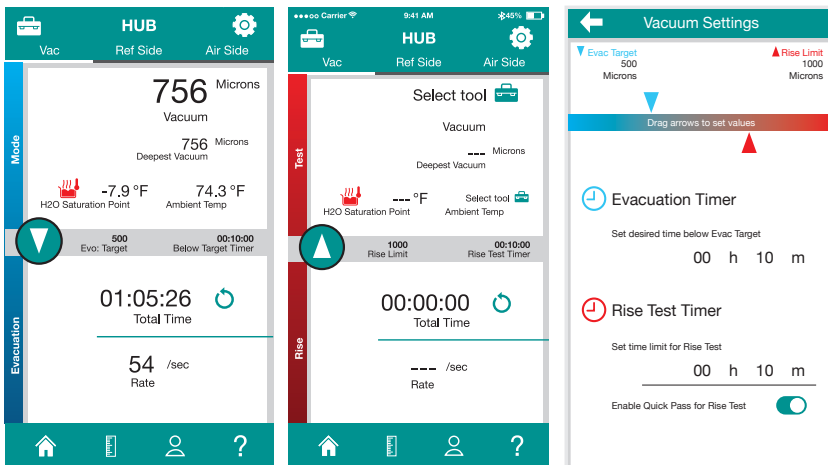


Measurement & Calculations

- Liquid and Suction line pressures, temperatures, saturations and outdoor dry bulb
- Superheat, subcooling and target superheat
- Delta and target delta temperatures
- Air Return and supply relative humidity, dry bulb, wet bulb, dew point and enthalpy
- Vacuum & deepest vacuum
- Evacuation and rise Limit target, timer
- H2O saturation point indication
- Selectable units of measure
- High altitude compensation
- 100+ refrigerants list and favorites refrigerant menu

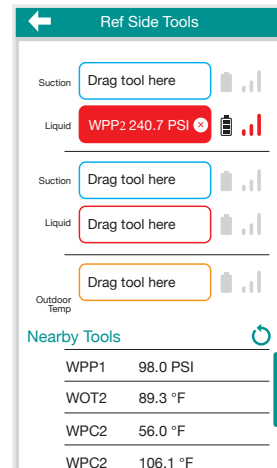
Vacuum Screen

Dual Mode Vacuum screen for Evacuation and Rise Tests. Allows you to easily set Evacuation and Rise Tests values and timer.



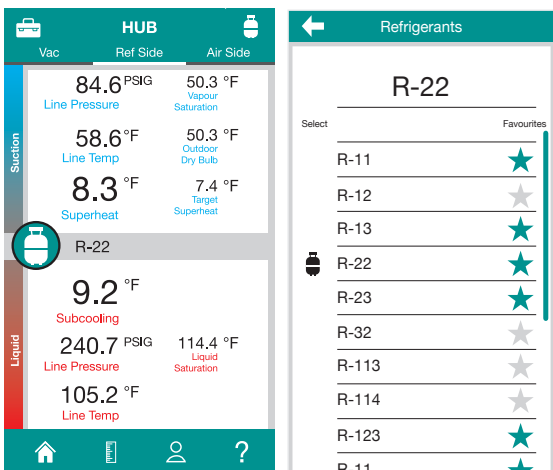
Quick Connections

Easily assign where probes are used on system.



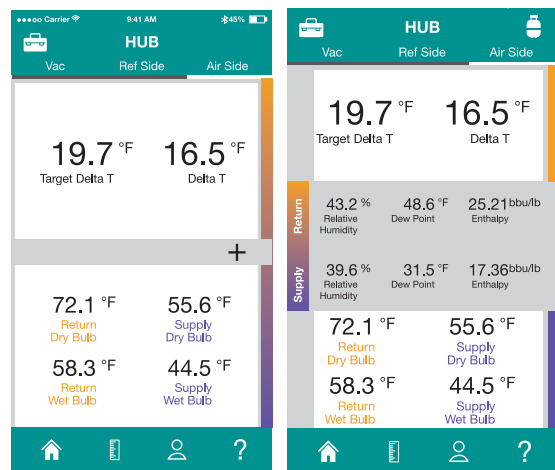
Refrigeration Screen

View Refrigerant values and real-time target superheat. Select from list of 100+ refrigerants & save most used types.



Air Side Screen

Air Side screen displays return & supply measurements allowing users to view additional calculations.



Requires compatible mobile device
Android™ 5+, iOS® 10+ or iPadOS™ 10+

HUB

Smart Refrigeration Probes



WVG2



Wireless Vacuum Gauge Probe

- Range 0-20,000 Microns
- 1-micron Resolution, $\pm 5\%$ reading ± 5 microns accuracy
- Oil contamination and sensor failure detection
- Instant warm-up and response time
- 1/4" Nickel-plated flare fitting
- 45° coupler included

WPP2



Wireless Pressure Probes

- Pass through refrigerant port for easily adding or recovering refrigerant from the system without disconnecting probes.
- 180° rotation for easy use in cramped spaces.
- Range 0 to 725 psig, resolution 0.1 psi.
- Accuracy 0.5%FS (@25 \pm 3°C), total 1%FS

WPC2



Wireless Pipe Clamps

- Sensor is thermally isolated from ambient temperatures
- High accuracy thermistor provides better results than thermocouples and doesn't require field calibration.
- Slim design fits into tight spaces
- Range 32° to 176°F (0° to 80°C), Res. 0.1°F.
- Response time < 30 sec.

WHP1



Wireless Hygrometer Probes

- Slimmest 1/4" probe diameter means smaller drill holes.
- Magnetic mount and locking probe holds WHP1 to plenum for hands-free operation.
- Temp range: 32° to 140°F (0° to 60°C), Accuracy: $\pm 0.5^\circ\text{F}$ ($\pm 0.3^\circ\text{C}$).
- Relative Humidity: 0 to 100%

WOT2



Wireless Outdoor Temperature Probe

- Temperature range 32° - 180°F (0° - 82°C)
- Magnetic hanger allows for temperature measurement in direct air stream
- Compact light weight design

THE HUB 4•6•8

A Complete and Convenient Solution

Service and Charge AC/R Systems

Real-Time Target Superheat Calculation

Wireless Vacuum Gauge included

System refrigerant & air calculations

Wireless distance of up to 350ft

Smart Refrigeration Probes Deluxe Kit **HUB8**



Smart Refrigeration Complete Kit

HUB6 UPC: 053533508246

- Refrigerant side liquid and suction readings
- Air side return and supply calculations
- 1-year limited warranty

Smart Refrigeration Charging Kit

HUB4 UPC: 053533508239

- Refrigerant side liquid and suction readings
- 1-year limited warranty

Wireless Vacuum Gauge Probe

WVG2 UPC: 053533508604

Use as a stand-alone vacuum gauge probe or upgrade your HUB6 or HUB4 kit to HUB8!

- Vacuum side evacuation and rise test modes
- Custom target and timer settings
- 1-year limited warranty



Wireless Outdoor Thermometer Probe

WOT2 UPC: 053533508611

Upgrade your HUB6 or HUB4 kit with the WOT2 to add Target Superheat calculations

- Inline outside air temperature measurements
- Designed for use with other HUB probes and not intended for individual use
- 1-year limited warranty





Temperature Probes



ATT29 05353360126 K-Type fiberglass coated probe	ATT39 05353360596 K-Type probe w/ wire wrap handle	ATT29A 05353360222 K-Type fluoroplastic coated probe	ATT70 05353360334 K-Type to input jack adapter	ATT71 05353360334 K-Type to input jack temperature probe
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ATT100 05353360235 K-Type 6" liquid probe	ATTEXT 05353360612 K-Type 10' extension	ATTPC4 05353350840 K-Type Pipe Clamp Probe (grip style)
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Electrical Receptacle Testers



CBF150 053533504057 Circuit Breaker finder	ERT100 053533507652 Electrical Receptacle Tester
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Test Leads



AAC 05353360075 Alligator Clips, Slip-On	AAC3 05353360386 Alligator Clips, Screw-On	ATLTX 05353360647 Modular Test Lead Extension Wire	KANEATL401KIT 05353390027 Test Lead Kit
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KANEATLBPK 05353360649 Back Probe Test Lead Kit	ATLFT 05353360648 Modular Test Lead Tips - Fused Probe Tips	KANEATL57 05353360662 Silicone Test Leads	TF100/2 053533606775 Stepped "T" Fitting	SF100 053533900286 Stepped Fitting	ASP1 053533606133 Magnetic Static Pressure Probe
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EMKIT - Manometer Accessory Kit

Magnetic Probe Tips 2 (ASP1)
60" Pressure Tube
Stepped "T" fitting (TF100) Soft Carrying Case (AC319)



SPAK1 - Static Pressure Accessory Kit

Magnetic Probe Tips 2 (ASP1)
60" Pressure Tube
Stepped "T" fitting (TF100)
Soft Carrying Case (AC319)

