



Essential instruments

Home & Workplace
Indoor Air Quality
July 2022





Welcome to our latest essential instruments for home & workplace indoor air quality

Any questions, please call **0800 059 0800** or visit **www.kane.co.uk** for our other catalogues

Working with Industry, Associations & CO Safety Awareness





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Global Quality, Environment, Health & Safety

Why choose UKAS calibration certificates?

Your KANE analyser & pressure meter automatically receives our calibration certificate traceable to National Standards. Our optional UKAS calibration certificate gives unrivalled verification suitable for legal submission with worldwide recognition - Call **0800 059 0800** for more information



Hassle Free



KANE



CARE

10
YEAR
WARRANTY

RECERTIFY

SAME DAY
DESPATCH

20
YEAR
ALL INCLUSIVE

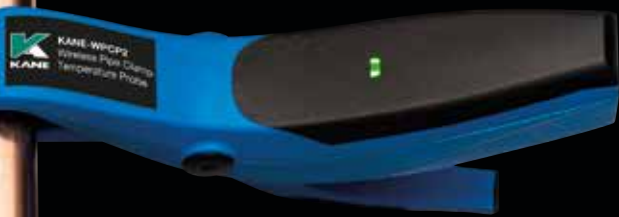


KANE CARE is our promise to never let you down or your money back

- ★ **10 Year warranty with annual Service & Recertification**
- ★ **Same Day Service & Recertification guaranteed**
- ★ **20 Year all inclusive pricing - the price you see is the price you pay**
- ★ **Free next day tracked delivery to KANE & 9am next day return & Saturday**
- ★ **Theft protection - 50% off when replacing your stolen KANE analyser**

KANE CARE applies to any KANE FGA Service & Recertification booked online via www.kane.co.uk & www.kanetest.ie - some exclusions apply

Future Proof



Temperature
KANE-WPCP2



Air Flow
KANE-DTHA2



Room CO
KANE79



KANE LINK™ Our wireless measurement & future proof promise

Use your KANE LINK Analyser to safely measure:

- Boiler & Heat Pump flow & return temperatures
- Commercial premises IAQ, airflow & humidity
- Room CO tests - up to 4 simultaneously



Monitoring Indoor Air Quality



Room CO



Flow & return



Leisure premises

Indoor Air Quality Analysers



Tightness test



Ventilation



Workplace safety

Test homes & workplaces

see pages 7-12

Which KANE-AQA is right for me?

KANE-AQA1
£555

KANE-AQA2
£810

KANE-AQA3
£1065

KANE-AQA4
£1320

Analyser supplied with:

KANE-DTHA2 anemometer, 20128 extender, USB1 charger & 14102/2 large carry bag



KANE Asset Manager (KAM)
Manage your EGA recertification with
FREE postage





What do I need?

KANE-AQA1

KANE-AQA2

KANE-AQA3

KANE-AQA4

IAQ Analyser	✓	✓	✓	✓
KANE LINK™	✓	✓	✓	✓
Temp & Pressure	✓	✓	✓	✓
Tightness & let by	✓	✓	✓	✓
Ambient CO ₂ & COM-CAT*	✓	✓	✓	✓
Room CO & Sweep test*	✓	✓	✓	✓
CMDDA1 test*		✓	✓	✓
Airflow, Temp & RH	✓	✓	✓	✓
Pitot tube measurement**	✓	✓	✓	✓
CO ₂ 0-9999ppm	Select	Select	Select	Select
CO 0-10,000ppm	One	Two	Three	Four
CO 0-100,000ppm / 10%	Sensor	Sensor	Sensor	Sensor
O ₂ 0-21%	Option	Options	Options	Options
NO 0-600ppm	Only	Only	Only	Only

* Sensor dependant

** Requires optional pitot probe



What do I get?

As Standard:



KANE-AQA

Options:



£185

**KANE-IRP3
IR Printer**



KANE-AQA CMDDA1 KIT

add £454

For full details see pages 9-10





KANE-AQA



Measure IAQ in homes & workplaces and test appliance integrity

What do I get?



Handheld IAQ analyser for up to 4 gases
Your KANE-AQA - Your way

What are my options?



Select up to 4 sensors from these options:

CO2 0-9999ppm

CO 0-10,000ppm*

CO 0-10% (100,000ppm)*

O2 0-21%

NO 0-1500ppm

Which AQA would I like?



Supplied with:

- KANE-DTHA2 anemometer, 20128 extender, USB1 charger & 14102/2 large carry bag

Single Gas

Two Gas

Three Gas

Four Gas



KANE-AQA1
£555

KANE-AQA2
£810

KANE-AQA3
£1065

KANE-AQA4
£1320



KANE-AQA IAQ analyser & appliance tester

- Test room & workplace indoor air quality
- Measure up to 4 gases anytime
- Test commercial catering gas appliances for UK CP42 certificates - meets CIS23 & BS8494*
- Test commercial catering & workplace ventilation airflow, temp & RH
- Test domestic & commercial flueless gas appliances, space & water heaters*
- Perform room CO & CO2 safety tests*
- Fast track UK CMDDA1 room CO investigations - up to 4 rooms simultaneously with optional KANE79 CO monitors
- Perform gas appliance integrity tests - tightness, let by & appliance sweep test*
- Measure heat pump differential flow & return temp with optional WPCP2 clamp probes
- Measure differential pressure for appliance pressures & draught
- Suitable for CMDDA1 or IGEM/GL/8 investigation, CCCN1 & COM-CAT*
- Meets EN50543 for ambient CO2 & CO
- Meets EN50379 for O2, CO & NO*

* Sensor dependant - select CO & ambient CO2 to perform:

- Room CO & CO2 safety tests
- Appliance sweep tests
- Flueless gas appliance, space & water heater tests

KANE-AQA KIT



**KANE-AQA
CMDDA1 KIT**
add £454



KANE LINK™

Our wireless measurement & future proof promise

Use your KANE-AQA & optional wireless LINK devices to safely measure:

- Boiler & Heat Pump flow & return temperatures
- Commercial premises IAQ, airflow & humidity
- Room CO tests - up to 4 simultaneously

Measures

- CO2 0-20%
- CO2 0-9999ppm
- CO 0-2000ppm or 10000ppm H2 compensation
- NO 0-600ppm
- O2 0-21%
- Differential temperature -20 to +1350°C - with suitable probes
- Differential pressure -80 to +80mBar
- Air flow 1.1 – 20m/s with KANE-DTHA2
- Temperature -20 - +50°C with KANE-DTHA2
- RH 0.1 – 99% with KANE-DTHA2
- Room CO 0-999ppm with optional KANE79 CO monitor

Features

- Room migration timed test for CO & CO2 with CO & ambient CO2 sensors
- Appliance timed test for CO & CO2 with CO & ambient CO2 sensors
- Tests Type C sealed appliances, Type B boiler open flue & Type A cooker, space & water heaters
- Data hold, log & print reports with user details to optional KANE-IRP3 printer
- Wireless transfer to KANE LIVE or 3rd party apps
- 10 year warranty when serviced & recertified by KANE
- Backed by KANE CARE - We promise to never let you down or your money back



KANE LINK options:

KANE-WPCP2	Wireless LINK temp clamp probes - connect as a pair	£169
KANE79	Wireless LINK CO monitor to 999ppm - connect up to 4	£219

See KANE LINK devices on pages 13-14



£185

Optional extra:

KANE-IRP3 Infra-Red Printer

KANE458s



KANE458s Flue Gas & IAQ Analyser

- Test any appliance up to 120KW with option to measure NOx
- Water trap with integrated Water Stop hydrophobic filter prevents water damage
- Test indoor air quality (IAQ) with option to measure ambient CO2 to 9999ppm
- Sweep test domestic appliances for CO & CO2 leaks
- Perform room safety tests for CO & CO2 with optional ambient CO2 sensor
- Fast track CMDDA1 - test up to 4 rooms simultaneously with optional wireless LINK KANE79 CO devices
- Test domestic & commercial flueless gas appliances, space & water heaters with optional ambient CO2 sensor
- Test commercial kitchen appliances for CP42 gas safety certificates
- Use for CIS23 & BS8494
- Meets EN50379 & EN50543 for O2, CO & CO2 with optional ambient CO2 sensor
- Measure differential flow & return temperatures wirelessly with optional WPCP2 clamp probes
- Measure differential pressure with structured let by & tightness test
- Also suitable for CMDDA1 or IGEN/GL/8 investigation, CCCN1 & COMCAT, COCN1 & CIGA1 or CGDA1, CORT1, CGFE1, CCP1 or I-GAS when fitted with ambient CO2 & NOx as required



£669

KANE458s

- For all kit contents see page 4



Independently tested by TUV SUD to EN50379
Use for BS7967 & TB143
Meets EN50543

KANE458s kit options with analyser & probe



KIT

£858

PRO KIT

£983

All prices exclude VAT

Our wireless measurement & future proof promise

Use your KANE458s & optional wireless LINK devices to safely measure:

- Boiler & Heat Pump flow & return temperatures
- Commercial premises IAQ, airflow & humidity
- Room CO tests - up to 4 simultaneously
- 100% H2 appliances when required
- HVO appliances when required

Measures

- CO2 0-20%
- CO2 0-9999ppm (option)
- CO 0-2000ppm or 10000ppm H2 compensation (option)
- NO 0-600ppm (option)
- O2 0-21% when fitted
- Differential temperature -20 - +1350°C - with suitable probes
- Differential pressure -80 - +80mBar
- Air flow 1.1 – 20m/s with optional KANE-DTHA2
- Temperature -20 - +50°C with optional KANE-DTHA2
- RH 0.1 – 99% with optional LINK KANE-DTHA2
- Room CO 0-999ppm with optional KANE79 CO monitor

Calculates

- O2 / CO2
- Excess air
- NOx (option)
- CO / CO2 ratio
- Combustion efficiency

Fuel Types

- Natural Gas
- Butane
- LPG
- Light oil
- Wood pellets
- Propane

KANE5SP

£449

KANE CARE 5 Year Service Plan

For more details visit www.kane.co.uk



Features

- Structured tests as KANE358 plus:
- Room migration timed test for CO & CO2 with optional ambient CO2 sensor
- Appliance timed sweep test for CO & CO2 with optional ambient CO2 sensor
- Tests Type C sealed appliances, Type B boiler open flue & Type A cooker, space & water heaters
- Data hold, log & print reports with user details to optional KANE-IRP3 printer
- Wireless transfer to KANE LIVE or 3rd party apps
- 10 year warranty when serviced & recertified by KANE
- Backed by KANE CARE - We promise to never let you down or your money back



KANE458s sensor options:

O2 sensor 0-21%	£255
CO sensor 0-10,000ppm H2 compensated - replaces standard CO sensor	£255
NO sensor 0-600ppm	£255
Ambient CO2 sensor 0-9999ppm	£255

KANE LINK options:

KANE-WPCP2	Wireless LINK temp clamp probes - connect as a pair	£169
KANE-DTHA2	Wireless LINK airflow, temp & RH	£199
KANE79	Wireless LINK CO monitor to 999ppm - connect up to 4	£219

See KANE LINK devices on pages 13-14

i Add optional sensor for ambient CO2 IAQ testing**



CPA1 KIT

£1044



OIL KIT*

£1092



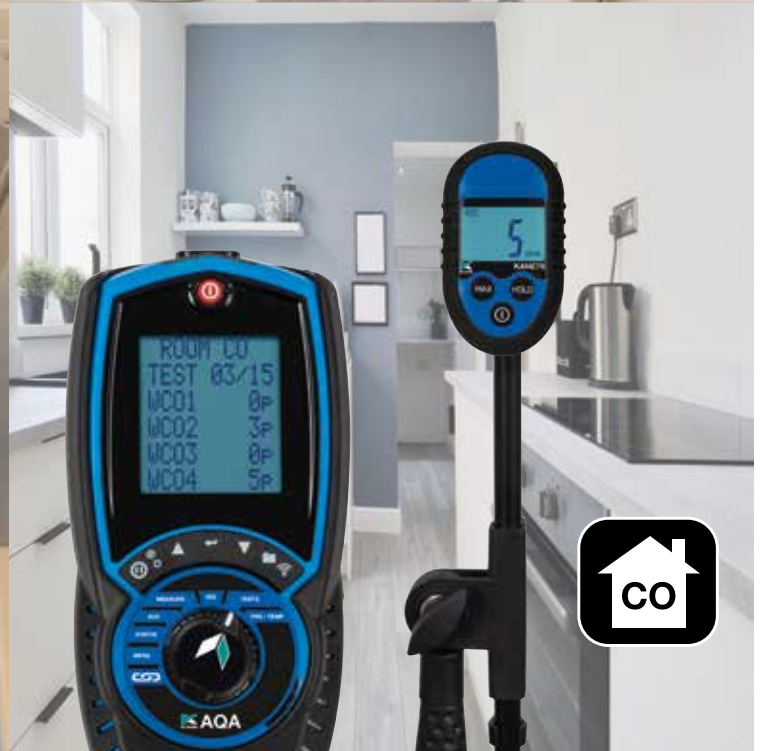
COM-CAT KIT

£1072 / £1327**



CMDDA1 KIT

£1123 / £1378**



Wireless measurement & future proof

KANE-WPCP2



Wireless Pipe Clamp Temperature Probes x2

Features:

- Wirelessly measure & display system temps including:
 - Flow & return
 - Boiler commissioning test
 - Monobloc Heat Pumps
- See real time results on your KANE FGA
- Works in tight spaces for pipe diameters up to 38mm
- Instant On technology
- Range: 0 - 80°C
- Wirelessly connect to KANE LINK™ enabled devices
- 100m line of sight range



£169

KANE-WPCP1



Wireless Pipe Clamp Temperature Probe x1

£95



£199

KANE-DTHA2



KANE-DTHA2 Wireless Airflow, Temperature, & Humidity Anemometer

Features

- Wirelessly measure airflow, temperature & humidity
- See real time results on your KANE FGA
- Test A/C units & kitchen extraction fans
- Calculate outlet volume flow with dimensions & geometry
- Instant On technology
- Airflow: 1.1 to 20 m/s; Temp: -20 to +50 C; RH: 0.1 to 99%
- Optional extender probe - p/n: 20128
- IOS / Android App available
- Wirelessly connect to KANE LINK™ enabled devices



KANE79



Wireless Ambient Carbon Monoxide (CO) Monitor

Features

- Safely add Room CO tests to display & test reports when outside a potentially dangerous room
- Detects 0 – 999ppm CO to 1 ppm resolution
- Green, Yellow, Red alarm & audible alert with Max & Hold
- Wirelessly connect to KANE LINK™ enabled devices
- Test up to 4 rooms simultaneously



£219

Alarm LED Indicator Levels

0 to 1 ppm	
2 to 9 ppm	
10 to 19 ppm	
≥20 ppm	

KANE79 is for ambient testing only

DO NOT place in flue gas or warm air streams



KANE LIVE APP

Compatible with Apple &
Android Devices



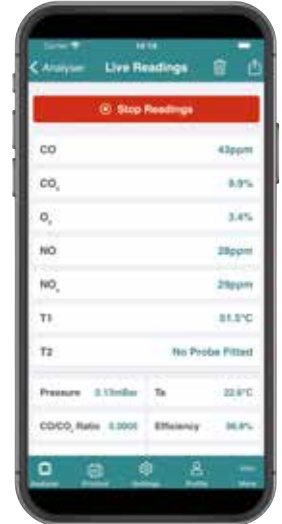
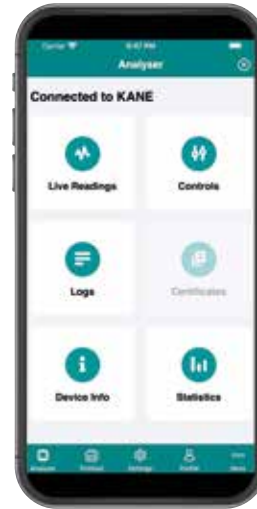
KANE LIVE FREE FROM THE APP & PLAY STORE

KANE LIVE connects & controls your KANE Flue Gas Analyser

Key Benefits:

- View, share & record live tests
- Snap shot test results like a printer
- Generate PDF reports & certificates*
- Add company & user profiles
- Send test results in CSV for spreadsheets
- GPS tag your location
- Control analyser pump, torch & fresh air purge
- Help via in-app guides & KANE Knowledge Centre
- Quick link to kane.co.uk, e-mail & social media for FAQs & feedback

* market dependent



Also working in Partnership with:

Gas Checker

www.gaschecker.co.uk



GES - Gas Engineer Software

www.gasengineersoftware.co.uk



HHiC - Benchmark App

www.benchmark.org.uk



Master Gas

www.mastergas.co.uk



IMPORTANT! KANE analysers must have a wireless module fitted
If unsure or to upgrade your analyser, contact us with your model & serial number

Personal Protection

£99



KANE78

iD Safe™ Personal CO Alarm & ID Holder

Features

- 2 in 1 CO alarm & ID badge holder
- Protects you from high CO levels wherever you are
- Displays your ID badge
- Audible & visual alarm over 20ppm CO
- 2 years "fit & forget" life
- Supplied with lanyard

Alarm Levels

In accordance with EH40/2005 (Fourth Edition 2020)

Alarm LED Alarm trigger point CO >20ppm

Battery LED Replace iD Safe™

Activity LED iD Safe™ is active

KANE78 is a personal CO alarm - Once activated, it operates for up to 2 years if alarm doesn't activate

Audible alarm ≥ 75db



**iD™
Safe**

Indoor Air Quality

KANE-CO2

Indoor Air Quality (IAQ) Carbon Dioxide Monitor

Application

- Monitors CO₂ concentration, relative humidity & temperature

Measures

- Ambient CO₂ 0-5000ppm
- Relative humidity RH 5-95%
- Temperature 0°C to 90°C / 32°F to 195°F



£149

Features

- Large display & touch button operation
- Low drift CO₂ NDIR sensor with long lifespan
- Audible & visible alarm
- Chart with variable time zoom levels
- CO₂ / RH / Temperature monitor tracer
- Auto-calibration on power on & manual calibration
- Max / min value display in real time
- Supplied with USB cable & manual

Health & Safety Executive (HSE) report CO₂ monitors help identify poor ventilation increasing risk of COVID Aerosol transmission

Leak Detection

KANE-EGD

Combustible Gas Leak Detector

- EGD detects combustible gas leaks from:
 - 20ppm Hydrogen
 - 50ppm Methane & Propane

Gases Detected

Acetone	Gasoline/Petrol	Naphtha
Alcohol	Hydrogen	Natural Gas
Ammonia	Industrial Solvents	Propane
Benzene	Jet Fuel	Thinners
Butane	Lacquer	Toluene
Ethylene	Methane	

Features

- Flexible goose neck probe
- Solid state semi conductor sensor
- Detection levels <50ppm methane
- Indicators - audible tic rate & visual multi-coloured LEDs
- Tip light

Supplied with carry case
PN: MSC00239



£129



Visual 3 colour LED indication

KANE-RGD

Refrigerant Gas Leak Detector

- RGD detects refrigerant gas leaks of:
 - CFC, HFC, HCFC, R11, R22, R134a etc

Features

- Flexible goose neck probe
- Solid state semi conductor sensor
- Detection levels 10g / year based on R134a
- Indicators - audible tic rate & visual multi-coloured LEDs
- Tip light

£149



Supplied with carry case
PN: MSC00239

KANE-GLD

Combustible Gas Leak Detector

Applications

- Pin-point small combustible gas leaks

Gases Detected - same as KANE-EGD

Features

- Flexible shaft 180mm long
- Solid state semi conductor sensor
- Audible & visual indicators
- >50ppm methane detection limit

i Leak detectors do not measure gas levels

£69



Thermal Imaging

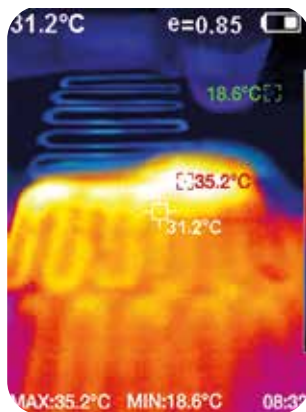
KANE-TCAM

Thermal Imaging Camera

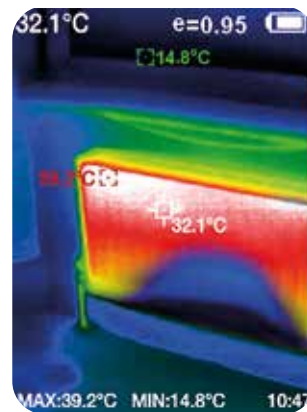
Combines surface temperature measurement & real-time thermal imaging - See the unseeable!

Features:

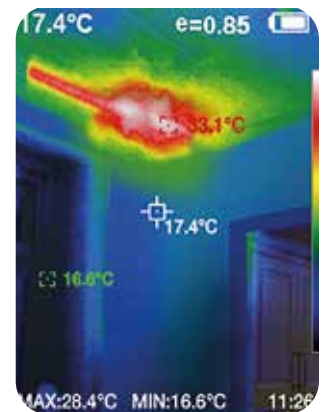
- Large colour display & on-screen cursor
 - Accurately locate temperature hotspots
- 3GB SD Card Data storage
 - Store up to 20,000 images that can be extracted through USB
- Rechargeable battery
 - 3 hours during normal operation
- Temperature -20 - +300°C
- Four types of surface measurement modes:
 - Coarse surface
 - Semi-matte surface
 - Semi-shiny surface
 - Shiny surface
- Ideal problem solver for:
 - Plumbing & Heating
 - Radiators, underfloor heating, energy auditing or water damage
 - Automotive
 - Heated seats & windows, high resistance in wiring, overheating wiring or components



Underfloor heating



Blocked radiators

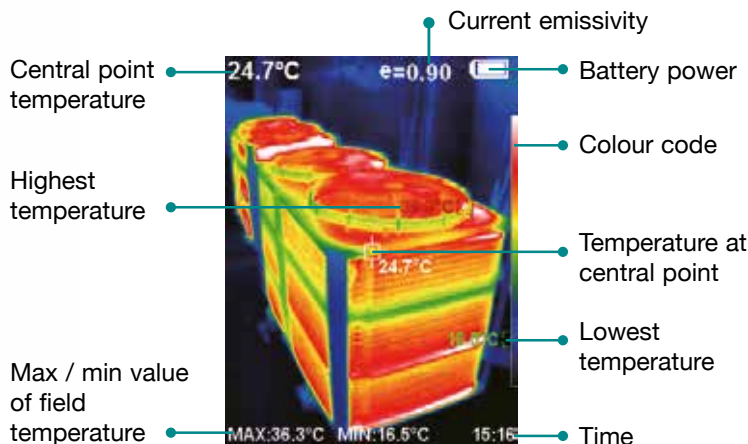


Invisible leaks

Supplied with USB charger & hard carry case MSC00237



Display Screen 2.8 inch full view TFT display



£619

All prices exclude VAT



KANE CARE UK & Ireland Service & Recertification

KANE CARE is our promise to never let you down or your money back

- ★ **10 Year warranty with annual Service & Recertification**
- ★ **Same Day Service & Recertification guaranteed**
- ★ **20 Year all inclusive pricing - the price you see is the price you pay**
- ★ **Free next day tracked delivery to KANE & 9am next day return & Saturday**
- ★ **Theft protection - 50% off when replacing your stolen KANE analyser**

KANE CARE applies to any KANE FGA Service & Recertification booked online via www.kane.co.uk & www.kanetest.ie - some exclusions apply

more info at:

www.kane.co.uk/service-and-re-certification





UK & Ireland Same Day Despatch KANE CARE Service & Recertification



Register your analyser on
www.kane.co.uk or
www.kanetest.ie



Book & pay to Service & Recertify
via your dashboard

Select FREEPOST for tracked
carriage - UK & Ireland mainland only



Your analyser will be despatched
the same day we receive it...
OR YOUR MONEY BACK*

*Excludes KANE-EGA, AUTO600, '9 series' analysers & UKAS certificates - Ireland 2 day turnaround

Combustion Probes








Combustion probes for standard temperature flue gases 600°C / 1112°F

Please see www.kane.co.uk for high temperature flue gas probes up to 1250°C / 2282°F

	ASP3 KIT	<ul style="list-style-type: none"> • Appliance sampling probe kit - grills, gas fires & general purpose • 5mm diameter • 2.2m flexible tube • Separate handle & hose assembly 	£129
	CP2	<ul style="list-style-type: none"> • 240mm probe • 6mm diameter • 2m neoprene hose 	£99
	CP2S	<ul style="list-style-type: none"> • 100mm probe • 6mm diameter • 1.5m neoprene hose 	£99
	CP2T	<ul style="list-style-type: none"> • 285mm PTFE lined probe • 8mm diameter • 3m neoprene hose • For KANE958, 975 & 988 	£165
	CP30	<ul style="list-style-type: none"> • 240mm combined flue gas & pressure probe • 6mm diameter • 2m neoprene hose 	£129
	CP35	<ul style="list-style-type: none"> • 300mm flexible probe • 8mm diameter • 1m neoprene hose 	£129
	CP71	<ul style="list-style-type: none"> • 240mm probe • 6mm diameter • 0.9m neoprene hose 	£109
	17320	<ul style="list-style-type: none"> • 6mm diameter depth stop cone 	£15
	4290/2	<ul style="list-style-type: none"> • 8mm diameter depth stop cone 	£15
	SM50472	<ul style="list-style-type: none"> • 10mm diameter depth stop cone for CP35 	£15
	CPS1	<ul style="list-style-type: none"> • Combustion probe stand • 2.1m max height 	£109

Accessories & Consumables

Please see www.kane.co.uk for more options



	KANE-IRP3 KANE Infra-Red Printer	£185
	KANE-MSP KANE Smoke Test Kit	£109
	18121 Oil gauge kit	£165
	SP9 Smoke papers & chart (for use with smoke probe options)	£30
	PRD2 Pressure Relief Device	£30

Batteries Chargers & Power Leads



	USB1 USB charger for KANE258, 358, 458s, 958, KANE-EGA1,2, & 3	£35
	B15 4x 2000 mAh rechargeable batteries. Note: battery make may differ	£35

Carry Cases


	17820 Small carry bag	£35
	14102/2 Large carry bag	£60
	20106 Backpack	£100
	MSC00237 Hard carry case for KANE-TCAM	£25

	MSC00238 Hard carry case for KANE3500	£25
	MSC00239 Hard carry case for KANE-EGD & RGD	£25



Filters

	PF400/5 (pack of five) Filters for KANECO91, 100, 101, 250, 251, 255, 258, 358, 425, 450, 451plus, 452NO, 455, 456, 457, 458, 458s, 504, 958, EGA1, 2 & 3	£30
	WSF1/5 (pack of five) Water Stop Filter for KANE458s & KANE958	£30

Paper & Ribbons

	TP5 (pack of five) Thermal printer rolls for Infra-Red Printer KANE-IRP, KANE-IRP2 & KANE-IRP3	£25
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Probe Connectors

	SM11103 Replacement probe connector for KANE100, 101, 250, 251, 255, 451plus, 452NO, 455, 456, 457 & 458	£2
	SM14980 Replacement probe connector for KANE258, 358, 458s, 958, 975/988, EGA1, 2 & 3	£2

Water Traps

	SM50515 Replacement water trap for KANE258, 358, 458s, 958 & EGA1, 2 & 3	£40
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Extender Stick

	20128 Extender stick for KANE-DTHA2	£40
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KANE



CARE

10
YEAR
WARRANTY



SAME DAY
DESPATCH

20
YEAR
ALL INCLUSIVE



WE'VE GOT YOUR BACK

For more information contact
Customer Service

0800 059 0800

Email: sales@kane.co.uk

Outside UK Call +44 1707 375550

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www.kane.co.uk

Follow us on...   

Prices valid from 1st July 2022. We reserve the right to change prices, products & specifications without prior notice. Kit contents may change - Please check before purchase. All prices ex-works £ GBP & exclude VAT. Free mainland UK next day delivery for orders via www.kane.co.uk or non web orders over £250 - Otherwise £10 for next day or £20 for next day delivery by 10am.

Additional £25 charge for reseller orders with 3rd Party delivery address. Product images not to scale unless stated & colours may vary from those illustrated.

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