INFICON

Tools for HVAC/R Service

Catalog 29

D-TEK Stratus®

REFRIGERANT LEAK DETECTOR WITH PPM DISPLAY

Find profit-crushing leaks in no time.

D-TEK Stratus combines the excellent leak detection of D-TEK Select and the cloud hunting capability of a large portable monitor all in one hand-held unit. Quickly locate the area containing the leak using the large, easy-to-read LCD display, and then pinpoint the leak with one instrument! D-TEK Stratus is the next big thing in refrigerant leak detection.
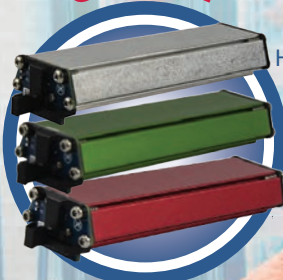
A2L CERTIFIED

2 YEAR WARRANTY

EN14624

Li-Ion

PATENTED TECHNOLOGY

A3 COMPATIBLE†

CE

UKCA

3 IN 1!
- HFC
- CO_2*
- R290*

1345 ppm
Max 9999

Cloud hunting

ADVANTAGES

- Detects traditional refrigerants, blends, CO_2*, and even flammables*
- Innovative cloud hunting mode with ppm helps locate leaks faster than ever
- Cloud hunting and pinpoint modes is like having two leak detectors in one
- All new, redesigned infrared sensor
  - Longest sensor life in the industry
  - Easy field replacement
- New lithium ion battery
  - Quick charge capability
  - Easy field replacement
- Automatic and manual zero modes
- Sensitivity will not degrade over time
- Rugged carrying case included

*Requires optional sensor

*Optional sensors not included

†D-TEK Stratus and D-TEK 3 are not ATEX certified and users should check local regulations for ATEX / IEC requirements.
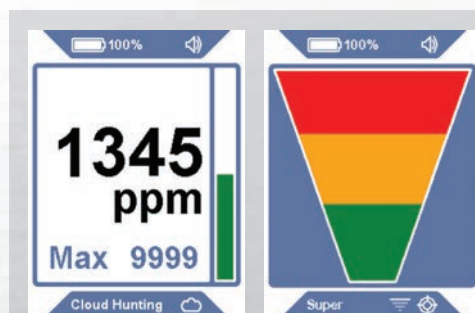
ENGINEERED IN USA
WITH US AND IMPORTED PARTS

SPECIFICATIONS

Includes	D-TEK Stratus Infrared refrigerant sensor Lithium ion battery Spare filters AC wall charger DC car charger Extra-long probe Carrying case Earbuds
Compatible refrigerants	
Refrigerant sensor	All CFCs, HFCs, HCFCs, HFOs, A2Ls, Ammonia, and SF6
CO_2 sensor	CO_2 (R744)
Flammable refrigerant sensor	R290, R600a, R441a
Sensitivity (tested to EN14624 standard)	
R134a	1 g/yr (0.04 oz./yr)
R1234yf	0.5 g/yr (0.02 oz./yr)
R290	5 g/yr (0.2 oz./yr)
R744 (CO_2)	2 g/yr (0.07 oz./yr)
Ammonia	3 g/yr (0.1 oz./yr)
Sensor life	Up to 2,000 hours
Power source	Lithium ion battery (rechargeable) USB (can operate while charging)
Battery life	~8 hours (Cloud Hunting Mode) ~10 hours (Pinpoint Mode)
Weight	500 g (1.10 lb.)
Certifications	EN14624:2020 A2L certified CE, UKCA
Patents	Pat. US 11441969B2 Pat. US 11262296B2 Application #18171080.7
Probe length (standard probe)	43 cm (~17 in.)
Warranty	Two-year

ORDERING INFORMATION

|	
D-TEK Stratus (includes refrigerant sensor only)	724-202-G11
D-TEK Stratus (includes CO_2 sensor only)	724-204-G11
Accessories and Replacement Parts	
Earbuds	721-607-G1
TEK-Check R134a reference leak	703-080-G10
TEK-Check R600a reference leak	703-080-G29
TEK-Check R1234yf reference leak	703-080-G12
Wall charger (US and international)	721-606-G1
12 V (dc) car charger	721-605-G1
Lithium ion battery	721-702-G1
Battery charging cradle	721-610-G1
Battery/cradle combo	721-604-G1
Extra-long probe (~27 in. (69 cm))	721-611-G1
Needle probe extension	721-612-G1
Refrigerant sensor (Detects CFCs, HFCFs, HFCs, and HFOs)	724-701-G1
CO_2 sensor	724-701-G2
Flammable refrigerant sensor	724-701-G3
Filter cap	712-705-G1
Filter cartridges	712-707-G1
Carrying case	724-700-G1

DUAL MODES HELP FIND THE LEAK FASTER
Use the new Cloud Hunting mode (left) to find the area highest in concentration, then switch to classic Pinpoint Mode (right) to pinpoint the leak.

DETECT REFRIGERANT, CO_2, AND EVEN FLAMMABLES
D-TEK 3 and D-TEK Stratus are designed with versatility in mind. Quickly and easily switch sensors to look for refrigerant, CO_2, or even flammable leaks.

724-202-G11	D-TEK Stratus with standard refrigerant sensor
724-204-G11	D-TEK Stratus with CO_2 sensor only
724-701-G1	Refrigerant sensor
724-701-G2	CO_2 sensor
724-701-G3	Flammable refrigerant sensor
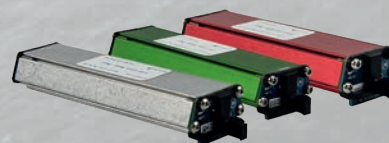
From left to right: refrigerant sensor 724-701-G1, CO_2 sensor 724-701-G2, and flammable refrigerant sensor 724-701-G3.

D-TEK® 3

REFRIGERANT LEAK DETECTOR

Stop leaking profits.

D-TEK 3 builds on the proven performance of D-TEK leak detectors with added features to help you get your job done faster. An easy-to-change sensor, quick charge lithium ion battery, and a new ergonomic design make D-TEK 3 a versatile tool for everyday RAC maintenance and repair. Plus, new optional CO_2 and flammable refrigerant sensors give you three instruments in one. Upgrade your toolbox with this accurate and reliable leak detector.

A2L CERTIFIED

2 YEAR WARRANTY

EN14624

Li-Ion

PATENTED TECHNOLOGY

A3 COMPATIBLE[†]

CE

UKCA

3 IN 1!

- HFC
- CO_2*
- R290*

INFICON D-TEK® 3

AHR EXPO INNOVATION AWARDS 2021 WINNER

WATCH OUR VIDEO!

*Optional sensors not included

[†]D-TEK Stratus and D-TEK 3 are not ATEX certified and users should check local regulations for ATEX / IEC requirements.

ENGINEERED IN USA
WITH US AND IMPORTED PARTS

www.inficonservicetools.com | servicetools.europe@inficon.com

SPECIFICATIONS

Includes	D-TEK 3 Infrared refrigerant sensor Lithium ion battery Spare filters AC wall charger Carrying case
Compatible refrigerants	
Refrigerant sensor	All CFCs, HFCs, HCFCs, HFOs, A2Ls, Ammonia, and SF6
CO_2 sensor	CO_2 (R744)
Flammable refrigerant sensor	R290, R600a, R441a
Sensitivity (tested to EN14624 standard)	
R134a	1 g/yr (0.04 oz./yr)
R1234yf	0.5 g/yr (0.02 oz./yr)
R290	5 g/yr (0.2 oz./yr)
R744 (CO_2)	2 g/yr (0.07 oz./yr)
Ammonia	3 g/yr (0.1 oz./yr)
Sensor life	Up to 2,000 hours
Power source	Lithium ion battery (rechargeable) Micro USB (can operate while charging)
Battery life	~10 hours
Weight	440 g (0.97 lb.)
Certifications	EN14624:2020 A2L certified CE, UKCA
Patents	Pat. US 11262296B2
Probe length (standard probe)	43 cm (~17 in.)
Warranty	Two-year

ORDERING INFORMATION

D-TEK 3 (includes refrigerant sensor only)	721-202-G11
D-TEK 3 (includes CO_2 sensor only)	721-204-G11
Accessories and Replacement Parts	
Earbuds	721-607-G1
TEK-Check R134a reference leak	703-080-G10
TEK-Check R600a reference leak	703-080-G29
TEK-Check R1234yf reference leak	703-080-G12
Wall charger (US and international)	721-606-G1
12 V (dc) car charger	721-605-G1
Lithium ion battery	721-702-G1
Battery charging cradle	721-610-G1
Battery/cradle combo	721-604-G1
Extra-long probe (~27 in. (69 cm))	721-611-G1
Needle probe extension	721-612-G1
Refrigerant sensor (Detects CFCs, HFCFs, HFCs, and HFOs)	724-701-G1
CO_2 sensor	724-701-G2
Flammable refrigerant sensor	724-701-G3
Filter cap	712-705-G1
Filter cartridges	712-707-G1
Carrying case	724-700-G1

ADVANTAGES

- Detects traditional refrigerants, blends, CO_2*, and even flammables*
- All new, redesigned infrared sensor
  - Longest sensor life in the industry
  - Easy field replacement
- New lithium ion battery
  - Quick charge capability
  - Easy field replacement
- Automatic and manual zero modes
- Sensitivity will not degrade over time
- Rugged carrying case included

*Requires optional sensors

DETECT REFRIGERANT, CO_2, AND EVEN FLAMMABLES

D-TEK 3 and D-TEK Stratus are designed with versatility in mind. Quickly and easily switch sensors to look for refrigerant, CO_2, or even flammable leaks.

721-202-G11	D-TEK 3 with standard refrigerant sensor
721-204-G11	D-TEK 3 with CO_2 sensor only
724-701-G1	Refrigerant sensor
724-701-G2	CO_2 sensor
724-701-G3	Flammable refrigerant sensor

From left to right: refrigerant sensor 724-701-G1, CO_2 sensor 724-701-G2, and flammable refrigerant sensor 724-701-G3.

TEK-Mate®

REFRIGERANT LEAK DETECTOR

Find leaks fast.

Affordable price, simple operation, and reliable performance make TEK-Mate the refrigerant leak detector of choice for thousands of technicians. See for yourself why TEK-Mate is the #1 refrigerant leak detector for many HVAC/R technicians.

A2L CERTIFIED

2 YEAR WARRANTY

CE   UKCA

EN14624

2 x D   Li-Ion

ADVANTAGES

- Sensitivity of 2 g/a (0.07 oz/year) per EN14624
- Detects all CFCs, HCFCs, HFCs, and HFOs
- Proven heated diode sensor for reliable leak checking
- No false alarms from soap solutions
- Runs on two D-cell batteries
- Rugged carrying case included

SPECIFICATIONS

Includes	TEK-Mate Heated diode sensor Two D-size alkaline batteries Spare filters Carrying case
Compatible refrigerants	R22, R32, R134a, R404a, R407c, R410a, R422b, R448a, R449a, R452a, R452b, R507 (AZ50), R1234yf/ze and more
Sensitivity per EN14624	2 g/a (0.07 oz/year)
Power source batteries	Two D-size alkaline
Battery life	16 hours
Weight	700 g (1.54 lb.)
Certifications	EN14624:2020 A2L certified CE, UKCA
Probe length	38 cm (15 in.)
Warranty	Two-year

ORDERING INFORMATION

TEK-Mate	705-202-G11
Accessories and Replacement Parts	
TEK-Check R134a reference leak	703-080-G10
TEK-Check R1234yf reference leak	703-080-G12
Sensor	703-020-G1
Filters	705-600-G1
Carrying case	705-700-G1

MADE IN USA

LEARN MORE HERE!

TEK-Check™

REFERENCE LEAK

The trusted leak source.

TEK-Check is a reference leak source that continuously leaks R134a, R1234yf or R600a for more than 2 years. It is an easy and dependable way to check the functionality of your leak detectors.

Compact size and ease of use make TEK-Check a safe and convenient accessory for your refrigerant leak detector.

SPECIFICATIONS

Dimensions	9.5 x 3 x 3 cm
Weight	80 g
Warranty	Two-year
Leak rate	5 g/a

ORDERING INFORMATION

TEK-Check R134a	703-080-G10
TEK-Check R1234yf	703-080-G12
TEK-Check R600a	703-080-G29

ADVANTAGES

- Easy to use
- Available for R134a, R1234yf or R600a
- Minimum two-year life
- Verify leak detector operation between yearly EN 14624 certifications
- Small and compact; Easily fits in most leak detector cases

MADE IN GERMANY

Whisper®

ULTRASONIC LEAK DETECTOR

Can you hear the leak? We can.

Whisper uses ultrasonic technology to listen for the sound of a gas moving through a leak site, making it a super versatile tool for leak checking ANY gas in pressurized or vacuum systems. The optional accessory kit adds even more functionality, allowing for leak checking of door seals, ducts, steam traps, and mechanical parts like bearings. With its wide range of applications, Whisper is a great tool to have on hand.

A2L CERTIFIED

2 YEAR WARRANTY

2 x D

CE   UKCA

WATCH OUR VIDEO!

NOW WITH LASER POINTER!

MADE IN USA

SPECIFICATIONS

Whisper includes	Whisper Headphones Rubber extension probe Two D-size alkaline batteries Carrying case
Whisper with accessory kit includes	Whisper Premium headphones Metal contact probe Whisper Transmitter (with battery) Rubber extension probe Two D-size alkaline batteries Carrying case
Power source	Two D-size alkaline batteries
Battery life	165 hours (laser pointer off) 115 hours (laser pointer on)
Weight	482 g (1.06 lb.)
Certifications	A2L Certified CE, UKCA
Warranty	Two-year

ORDERING INFORMATION

Whisper	711-202-G11
Whisper with accessory kit includes	711-203-G11
Accessories and Replacement Parts	
Headphones	032-0430
Premium headphones	032-0427
Whisper Transmitter	711-600-G1
Contact probe	711-703-G1
Carrying case	711-701-G1

Accessory kit includes:
- Premium headphones
- Hard metal probe for checking mechanical parts like worn bearings
- Whisper Transmitter for checking door and window seals

ADVANTAGES

- Detects pressure and vacuum leaks for all gases
- Works even in noisy environments
- Laser pointer makes it easier to pinpoint the leak
- Applications include pressure/vacuum leaks, electrical arcing, malfunctioning steam traps and more!
- Only leak detector technology to detect pressurized nitrogen leaks
- Rugged carrying case included

GAS-Mate®

COMBUSTIBLE GAS LEAK DETECTOR

Safely detect combustible gas and flammable refrigerant leaks.

GAS-Mate is an intrinsically safe combustible gas leak detector that can safely and reliably detect leaks of combustible gases, flammable refrigerants, and hydrogen forming gas. It is a versatile tool for use in heating, air conditioning, refrigeration, and automotive applications. You can leak check with confidence knowing GAS-Mate is backed by an industry-best three-year warranty.

3 YEAR WARRANTY

NRTL LISTED — MET us — HAZARDOUS LOCATION SAFETY

A3 COMPATIBLE

CE | UK CA | 2 x D

WATCH OUR VIDEO!

FLAMMABLE REFRIGERANT USED. / RÉFRIGÉRANT INFLAMMABLE UTILISÉ. / UTILIZA UN REFRIGERANTE INFLAMABLE.

Caution, risk of fire Mise en garde, risque d'incendie Precaución, riesgo de incendio

MADE IN USA

SPECIFICATIONS

Includes	GAS-Mate Combustible gas sensor Two D-size alkaline batteries Carrying case
Compatible gases	Hydrogen forming gas (95/5),propane (R290), isobutane (R600a), R441a, natural gas, methane, ammonia, and more
Sensitivity	5 ppm for methane and hydrogen, 1 ppm for gasoline, 1 g/a R290, 5 g/a Hydrogen forming gas (95/5)
Power source	Two D-size alkaline batteries (use Duracell® MN1300 to maintain intrinsically safe approval)
Battery life	25 hours
Weight	700 g (1.54 lb.)
Certifications	Intrinsically safe for Class I, Division I, Groups A - D, T4 and II 3G Ex nA nL IIC T4 X as per MET Laboratories Listing #E112145 CE, UKCA
Probe length	38 cm (15 in.)
Warranty	Three-year

ORDERING INFORMATION

GAS-Mate	718-202-G11
Accessories and Replacement Parts	
Sensor	706-700-G1
Carrying case	718-701-G1

ADVANTAGES

- Detects natural gas, propane, isobutane, ammonia, hydrogen forming gas (95/5), and more
- Ultimate sensitivity of 5 ppm for methane and 1 g/a for R290 (propane) and R600a (isobutane)
- Intrinsically safe for use in combustive/ explosive environments
- Great for flammable refrigerants like R290, R600a, and R441a
- Runs on two D-cell batteries

Wey–TEK® Pro

REFRIGERANT CHARGING SCALE

For all jobs, big and small

Wey-TEK Pro is truly a do-it-all scale. A large, 125 kg (275 lb.) capacity platform allows you to easily weigh large tanks, while its 3 g (0.1 oz) display resolution and optional small charge adapter kit allows you to accurately weigh small, critical charges. Wey-TEK Pro features an intuitive wired handpiece with a bright, backlit display for ease of operation. For cordless use, simply download the free Wey-TEK app and connect your mobile device via Bluetooth®.

A2L CERTIFIED

2 YEAR WARRANTY

275 lb / 125 kg

IPx4 H₂O RESISTANT

3 x AA

Bluetooth®

A3 COMPATIBLE

ADVANTAGES

- 125 kg (275 lb.) capacity platform designed to fit all tank sizes
- Wired handpiece with bright, backlit LCD display
- Bluetooth connectivity with free mobile app
- 3 g (0.1 oz) resolution for critical charging of all refrigerants including A3 flammables
- Compatible with small charge adapter kit (PN 501-601-G1) for mounting A3 refrigerant bottles

NEW!

125kg/275lb

275.00 lb

INFICON
Wey-TEK® Pro
Refrigerant Charging Scale

SPECIFICATIONS

Includes	Wey-TEK Pro Magnetic handpiece strap 3 AA batteries installed Carrying case
Weighing capacity	125 kg (275 lb.)
Accuracy	+/- 3 g or +/- 0.06% of reading (whichever is greater)
Display resolution	3 g (0.1 oz)
Display type	Backlit full color LCD
Display units	g, kg, lb, oz, lb/oz
Power source	3 AA batteries
Battery life	Up to 150 hours (depending on dimming settings)
Weight (including batteries)	2880 g (6.35 lb.)
Platform dimensions (W x L x H)	28.0 x 28.0 x 3.7 cm (11.0 x 11.0 x 1.5 in.) 33.5 cm (13.25 in.) diagonal
Certifications	A2L Certified, CE, UKCA
Warranty	Two-year

ORDERING INFORMATION

Wey-TEK Pro	501-202-G1
Accessories and Replacement Parts	
Small charge adapter kit	501-601-G1
Magnetic handpiece strap	501-311-P1
Replacement battery door	501-308-P1
Carrying case	501-700-G1

Shown with small charge adapter kit for
mounting A3 refrigerant bottles
(PN 501-601-G1, SOLD SEPARATELY)

Vortex® Dual

REFRIGERANT RECOVERY MACHINE

The most powerful unit available with the best warranty in the industry.

Vortex Dual is INFICON's best refrigerant recovery machine yet! Complete your job with confidence knowing Vortex Dual will perform with industry-leading recovery rates and an unsurpassed three-year warranty. Vortex Dual is truly a tool you can rely on.

A2L CERTIFIED

3 YEAR WARRANTY

ETL LISTED Intertek

CE

UKCA

ADVANTAGES

- Achieve industry-leading recovery rates with a powerful 1 HP dual piston compressor
- Microchannel condenser provides exceptional heat exchange in high temperatures
- Two valve operation with self-purge for ease of use
- Large, easy to read gauges
- Heavy duty blow molded case
- Fully serviceable
- Shoulder strap included for easy transport

WATCH OUR VIDEO!

Shoulder strap included (not shown)

Easy-to-read gauges

Durable metal knobs

Easy two-knob operation with self-purge

1 HP dual piston compressor (not shown)

Filter-dryer included

Micro-channel condenser (not shown)

Heavy duty blow molded case

SPECIFICATIONS

Includes	Vortex Dual Shoulder strap Filter/dryer Detachable power cord
Compatible refrigerants	Commonly used CFCs, HCFCs, HFCs, and HFOs including R410a, R12, R22, R32, R134a, R404, R407c, R500, R502, R1234yf, Not recommended for use with flammable (HC) refrigerants
Weight	13.5 kg
Dimensions (L x W x H)	42.4 x 23.4 x 36.1 cm
Compressor	1 HP oil-less, dual piston, AC motor drive
High pressure shut-off	38 bar
Power source	115 V (ac), 60 Hz, 15 A or 230 V (ac) 50/60 Hz, 6 A (depending on model)
Certifications	CSA (714-202-G1 model) CE (714-202-G11 model) A2L certified
Warranty	Three-year

CERIFICATIONS

Vortex Dual is an EPA-certified machine in accordance with Section 608 of the Clean Air Act. It has been independently tested and certified to be in conformance with AHRI standard 740-1998.

Representative of category	R134a	R22	R410a
Representative of category	III	IV	V
High temp vapor rate	N/A	16. 8	25.2
Vapor rate	12.6	21	15
Liquid rate	137.4	216	286.2
Push-pull rate	314.4	405	469.2

Rates are in kg/hr. and are independently tested

ORDERING INFORMATION

Vortex Dual, 115 V (ac)	714-202-G1
Vortex Dual, 230 V (ac)	714-202-G11
Accessories and Replacement Parts	
Shoulder strap	722-408-P1
Filter/dryer	722-409-P1
Power cord (115 V)	068-0684
Power cord (230 V)	068-0685
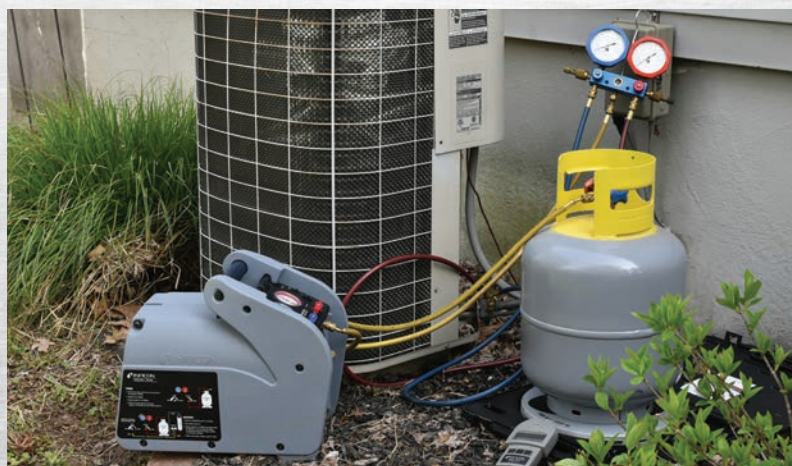
QS5

VACUUM PUMP

An affordable pump that lasts.

QS5 is a 2-stage, 5 CFM rotary vane pump with premium features without the premium price. Dual voltage operation, brass fittings, and an exhaust demister make QS5 a versatile and durable pump for everyday use. A two-year warranty ensures QS5 will stand up to daily punishment for years.

ADVANTAGES

- 142 l/min (5 CFM) displacement for vacuum down to 0,02 mbar
- Inlet check valve prevents oil from flowing back into the system
- Durable metal fittings and base
- Oil demister helps reduce oil in exhaust
- Versatile dual voltage operation

SPECIFICATIONS	
Includes	QS5 Detachable power cord Vacuum pump oil
Free air displacement	142 l/min 8.52 m³/h (5 cfm)
Motor	1/2 HP AC
Pump stages	2
Oil capacity	370 ml (12.5 oz.)
Weight	10.89 kg (24 lb.)
Certifications	A2L Certified CE, UKCA
Power source	115/230 V (ac) dual voltage operation
Stages	2
Warranty	Two-year

ORDERING INFORMATION	
QS5 pump, 115 V (ac)	700-100-P1
QS5 pump, 230 V (ac)	700-100-P10
Accessories and Replacement Parts	
Power cord (115 V)	068-0684
Power cord (230 V Euro)	068-0685

⚠ 115V / 230V

5 CFM 142 l/min 8,5 m³/h

½ HP

2 YEAR WARRANTY

CE

UKCA

A2L CERTIFIED

Rubber handle for no-slip grip

Durable metal fittings (3/8 and 1/4 in.) with check valve

Switch for 115 or 230V operation (requires appropriate power cord)
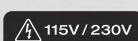
Oil demister helps reduce oil in exhaust

Gas ballast (not shown)

Large sightglass to monitor oil level

Easy access oil drain with tethered cap

Rugged metal base with rubber feet keeps pump stable

Pilot® Plus

VACUUM GAUGE

Measure vacuum like a pro.

Pilot Plus is an affordable and reliable vacuum gauge that can measure your entire vacuum process, from atmosphere down to 0,01 mbar. A Pirani sensor with a protective filter and other premium features give you great performance.

2 YEAR WARRANTY

Full range ATM TO 0,01 MBAR

1 x 9V

A2L CERTIFIED

CE UKCA

MADE IN USA

ORDERING INFORMATION	
Pilot Plus	710-202-G1
Pilot Plus with KF16 flange	710-202-G27
Accessories and Replacement Parts	
Holster case	715-400-P1
Carrying case	710-600-G1
Spare filters	710-701-G1

ADVANTAGES

- Full range measurement from atmosphere to 0.01 mbar
- Unique filter design protects sensor from contamination
- Runs on one 9 V battery
- Pirani sensor for superior accuracy
- Displays units in micron, Pascal, Torr, or millibar
- Rugged carrying case included

FLUE-Mate®

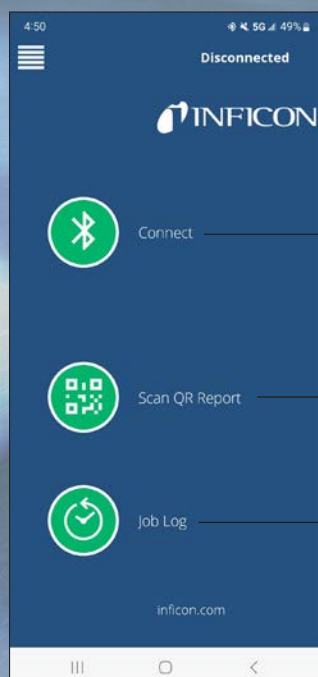## COMBUSTION ANALYZER

Optimize your combustion efficiency.

FLUE-Mate is the all-in-one combustion analyzer built to improve your combustion efficiency and safety. In addition to combustion analysis, this tool is also equipped with an integrated manometer, thermometer, CO test (ambient and flue), cracked heat exchanger test and provides draft analysis. FLUE-Mate features intuitive mode selection and navigation, 15 programmable fuel selections and a field-replaceable O_2 sensor, probe and water trap to minimize downtime. Download the FLUE-Mate app to generate quick analysis reports on your smart phone or tablet. FLUE-Mate is the user-friendly, comprehensive combustion analyzer for all your heating jobs.

ADVANTAGES

- Easy-to-read backlit LCD display
- Displays efficiency, O_2, CO_2, CO and flue gas temperature readings all on one screen
- Field-replaceable O_2 sensor, water trap and probe to minimize downtime
- Automatic CO sensor protection
- FLUE-Mate app allows you to store and email reports
- Monitor system pressures with built-in manometer and hose kit
- External water trap prevents internal electronic and sensor damage
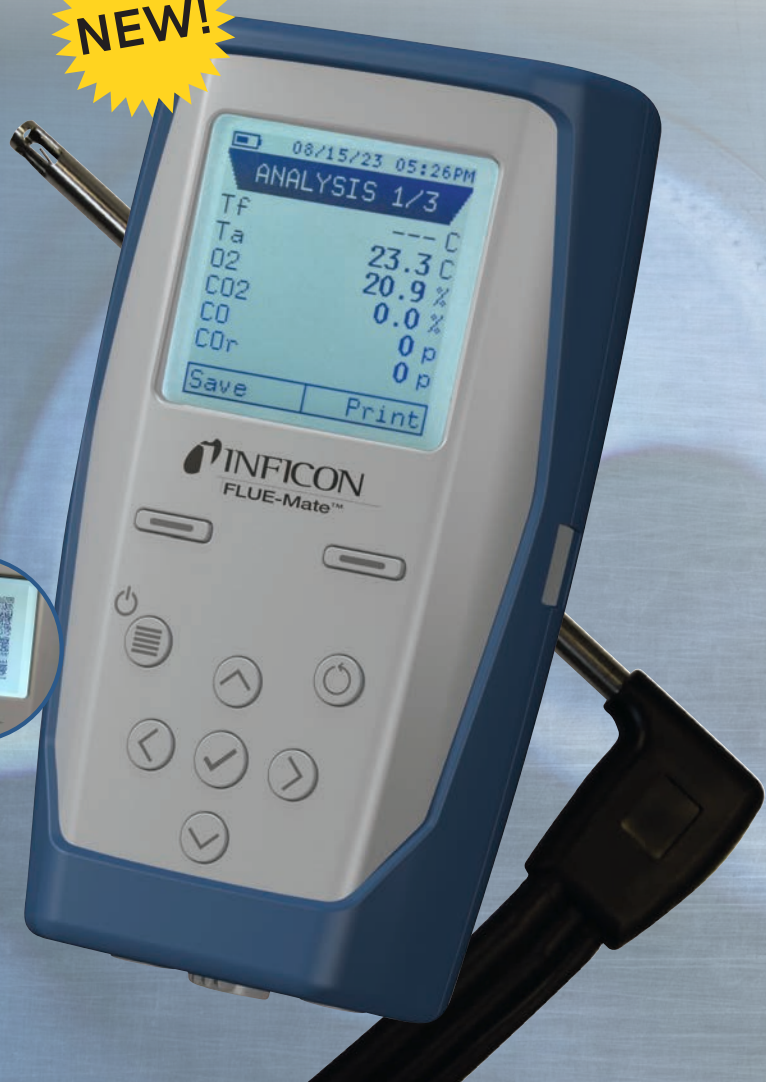- Optional Bluetooth® printer
- Upgradeable to measure NOx

Li-Ion

Download on the App Store

GET IT ON Google Play

CE

UKCA

Bluetooth®

2 YEAR WARRANTY

AHR 2024 INNOVATION AWARDS WINNER

NEW!

Connect for real-time readings

Scan QR code for a full report

View, edit, and share reports

08/15/23 05:26PM
ANALYSIS 1/3

Tf	--- C
Ta	
O2	23.3 C
CO2	20.9 %
CO	0.0 %
COr	0 p
	0 p

Save | Print

INFICON
FLUE-Mate™

Apple and the Apple logo are trademarks of Apple Inc., registered in the U.S. and other countries. Google Play is a trademark of Google LLC.

SPECIFICATIONS

Includes	FLUE-Mate Flue gas probe with 1.5 m dual hose Manometer pressure hose Water trap AC wall charger Carrying case
Power source	Lithium ion battery (rechargeable)
Battery life	8 hours
Weight	350 g
Warranty	Two-year
Compatible fuels	Natural gas, Propane, Butane, Diesel oil, Fuel oil, Propane air, Biogas, Pellets 8%, Wood 20%, Wood chips, Coal, Olive pits, CO off-gas, Rice husk basmati

	Range	Resolution	Accuracy	
Measured				
O_2	0 - 25.0% vol	0.1% vol	±0.2% vol	
CO high immunity H_2 with NOx filter	0 - 4000 ppm	1 ppm	±20 ppm ±5% measured value	0 - 400 ppm 401 - 4000 ppm
Air temperature	-20.0 - 120.0°C (-4.0 - 248.0°F)	0.1°C (0.2°F)	±1°C (±1.8°F)	
Flue gas temperature	-20.0 - 800.0°C (-4.0 - 1472.0°F)	0.1°C (0.2°F)	±1°C (±1.8°F) ±1% measured value	-20-100°C (-4 - 212°F) 101-800°C (212.2 - 1472°F)
Pressure	-99.5 - 199.1 mbar	0.01 mbar	±1% measured value ± 0.02 mbar ±1% measured value	-99.5- -2.0 mbar -2.0 - +2.0 mbar +2.0 - +199.1 mbar
Calculated				
CO_2	0 - 99.9% vol	0.1% vol		
Temperature differential	0 - 800.0°C (32.0 - 1472.0°F)	0.1°C (0.2°F)		
Air index	0.00 - 9.50	0.01		
Excess air	0 - 850%	1%		
Stack losses	0.0 - 100.0%	0.1%		
Efficiency	0.0 - 120.0%	0.1%		

ORDERING INFORMATION

FLUE-Mate Combustion Analyzer	502-202-G11
FLUE-Mate Combustion Analyzer with Bluetooth® printer	502-203-G11
Accessories and Replacement Parts	
Bluetooth® printer	502-600-P1
O_2 Sensor	502-601-P1
Wall charger (US and International)	502-602-P1
Replacement filters (5 pack)	502-603-P1
Replacement printer paper rolls (5 pack)	502-604-P1
USB cable for charger	502-605-P1
Water trap filter assembly	502-606-P1
Carrying case	502-607-P1
Positioning cone for probe	502-608-P1
Replacement o-rings for water trap (5 pack)	502-609-P1
Flue gas probe with 5 ft. (1.5 m) dual hose	502-610-P1
Pressure hose kit for use with manometer	502-611-P1
Lithium ion battery	502-612-P1

CO Check®

CARBON MONOXIDE METER

Superior accuracy for peace of mind.

CO Check is a reliable and affordable tool to measure the carbon monoxide (CO) level in your immediate environment. A large display indicates the ppm level of CO in the environment and audible alarms and colored indicators alert if dangerous levels of CO are present. CO Check is a great companion for any technician's toolbox.

2 YEAR WARRANTY

1–999 PPM RANGE

1 x 9V

CE   UKCA

MADE IN USA

SPECIFICATIONS	
Includes	CO Check 9 V alkaline battery Holster case
Battery life	200+ hours
Power source	9 V alkaline battery
Range	1 to 999 ppm
Display resolution	1 ppm
Accuracy	3% of reading ±1 ppm
Auto shut-off	20 min.
Alarm indicators	Variable speed audio alarm, colored LEDs, ppm display
Dimensions (with holster)	16.0 × 9.7 × 5.1 cm (6.3 × 3.8 × 2.0 in.)
Weight (with holster)	250 g (0.56 lb.)
Certifications	CE, UKCA
Warranty	Two-year

ORDERING INFORMATION	
CO Check	715-202-G1
Accessories and Replacement Parts	
Holster case	715-400-P1

ADVANTAGES

▪ Best-in-class accuracy for peace of mind

▪ Simple operation for ease of use

▪ Bright, colored indicators and audible alarm for quick hazard recognition

▪ Large, easy-to-read display

▪ Runs on one 9 V battery

▪ MAX feature retains the highest reading for easy multitasking

▪ Padded holster with belt clip for hands-free use

CARBON MONOXIDE:
• is generated by poorly maintained fuel-burning appliances
• kills over 6,000 people each year in Europe*
• is colorless, odorless and tasteless
• can cause poisoning, which mimics the symptoms of the flu but can be fatal with high CO exposure levels (such as above 100 PPM)
• can be harmful even at low exposure levels – even single digit PPM readings

*From The National Library of Medicine (NLM)

Ready for natural refrigerants?

CHECK OUT OUR NATURAL REFRIGERANT-READY TOOLS.

	D-TEK Stratus	D-TEK 3	TEK-Mate	GAS-Mate	Whisper	Wey-TEK Pro
Ammonia (R717)	✓	✓	✓	✓	✓	✓
CO_2 (R744)	✓*	✓*			✓	✓
R290 R600 R441a	✓**	✓**		✓	✓	✓
Forming gas (95/5)				✓	✓	✓
Intrinsically safe				✓		

* Using optional CO_2 sensor
** Using optional flammable refrigerant sensor

Leak Detector Selection Guide

WHICH LEAK DETECTOR IS RIGHT FOR YOU?

Choosing the right leak detector can be hard. Luckily, INFICON offers a full line of leak detectors to meet all of your needs, whether it's residential, commercial, industrial, or automotive AC or refrigeration. We are proud to stand behind our products by offering an outstanding warranty, so you can purchase with confidence.

If you need more help, please call us at +49 221 56788-660 and we'll help you pick the right instrument for your needs.

	D-TEK Stratus	D-TEK 3	TEK-Mate	GAS-Mate	Whisper
Sensor technology	Infrared	Infrared	Heated diode	Surface reaction	Ultrasonic
Detects:					
Ammonia	✓	✓	✓	✓	✓
CO_2	✓*	✓*			✓
HCFCs, HFCs	✓	✓	✓		✓
A2L semi-flammables (R32, R1234yf)	✓	✓	✓		✓
A3 flammable refrigerants (R290, R600a, R441a)	✓**	✓**		✓	✓
Forming gas (95/5)				✓	✓
Intrinsically safe				✓	
Sensitivity	1 g/yr. (0.03 oz./yr.)[†]	1 g/yr. (0.03 oz./yr.)[†]	2 g/yr. (0.07oz./yr)[†]	1 ppm	NA
Battery type	Rechargeable	Rechargeable	Alkaline	Alkaline	Alkaline
Manual zero mode	✓	✓			
Headphone jack	✓	✓			✓
Relative price	€€€	€€	€	€	€

* Using optional CO_2 sensor
** Using optional flammable refrigerant sensor
† Tested per EN14624 for R134a

www.inficonservicetools.com | servicetools.europe@inficon.com

About INFICON

INFICON provides technology leadership and application expertise in areas such as gas analysis, leak detection, vacuum measurement and control, as well as the chemical analysis of air, soil, and water. Our products are used in a variety of applications and markets.

Production leak detectors from INFICON ensure quality in air conditioning, refrigeration and automotive manufacturing worldwide, and technicians rely on INFICON Service Tools to ensure that these products will remain free of leaks for years to come. For more information about INFICON, its products and its global sales and service network, go to www.inficon.com.

We provide a global network of experts who offer fast and local applications and product support.

- ○ Group Administration
- ● Competence Centers
- ● Specialized Competence Centers
- ● Sales, Application and Service Offices

SEMICONDUCTOR AND VACUUM COATING

SAFETY AND ENERGY

COOLING, CLIMATE CONTROL AND AUTOMOTIVE

GENERAL VACUUM APPLICATIONS

For sales and service

📞 +49 221 56788-660

✉ servicetools.europe@inficon.com

∩INFICON Tools You Can Rely On™

www.inficonservicetools.com   servicetools.europe@inficon.com