



# Tools for HVAC/R Service

Catalog 29



**Tools You Can Rely On™**



# 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.



EN14624

Li-Ion



A3 COMPATIBLE†

CE UK  
CA

**3 IN 1!**



HFC

CO<sub>2</sub>\*

R290\*



**WATCH OUR VIDEO!**

## ADVANTAGES

- Detects traditional refrigerants, blends, CO<sub>2</sub>\*, 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.



## 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
<b>Compatible refrigerants</b>	
Refrigerant sensor	All CFCs, HFCs, HCFCs, HFOs, A2Ls, Ammonia, and SF6
CO <sub>2</sub> sensor	CO <sub>2</sub> (R744)
Flammable refrigerant sensor	R290, R600a, R441a
<b>Sensitivity (tested to EN14624 standard)</b>	
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 <sub>2</sub> )	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 <sub>2</sub> sensor only)	724-204-G11
<b>Accessories and Replacement Parts</b>	
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, HCFCs, HFCs, and HFOs)	724-701-G1
CO <sub>2</sub> 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



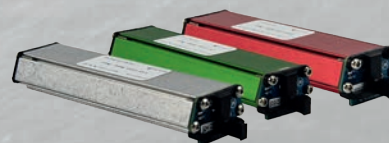
### DUAL MODES HELP FIND THE LEAK FASTER

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<sub>2</sub>, 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<sub>2</sub>, or even flammable leaks.

724-202-G11	D-TEK Stratus with standard refrigerant sensor
724-204-G11	D-TEK Stratus with CO <sub>2</sub> sensor only
724-701-G1	Refrigerant sensor
724-701-G2	CO <sub>2</sub> sensor
724-701-G3	Flammable refrigerant sensor



From left to right: refrigerant sensor 724-701-G1, CO<sub>2</sub> 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<sub>2</sub> and flammable refrigerant sensors give you three instruments in one. Upgrade your toolbox with this accurate and reliable leak detector.



EN14624



A3 COMPATIBLE†

CE UK  
CA

3 IN 1!



HFC

CO<sub>2</sub>\*

R290\*



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.





## SPECIFICATIONS

Includes	D-TEK 3 Infrared refrigerant sensor Lithium ion battery Spare filters AC wall charger Carrying case
<b>Compatible refrigerants</b>	
Refrigerant sensor	All CFCs, HFCs, HCFCs, HFOs, A2Ls, Ammonia, and SF6
CO <sub>2</sub> sensor	CO <sub>2</sub> (R744)
Flammable refrigerant sensor	R290, R600a, R441a
<b>Sensitivity (tested to EN14624 standard)</b>	
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 <sub>2</sub> )	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 <sub>2</sub> sensor only)	721-204-G11
<b>Accessories and Replacement Parts</b>	
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, HCFCs, HFCs, and HFOs)	724-701-G1
CO <sub>2</sub> 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<sub>2</sub>\*, 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<sub>2</sub>, 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<sub>2</sub>, or even flammable leaks.

721-202-G11	D-TEK 3 with standard refrigerant sensor
721-204-G11	D-TEK 3 with CO <sub>2</sub> sensor only
724-701-G1	Refrigerant sensor
724-701-G2	CO <sub>2</sub> sensor
724-701-G3	Flammable refrigerant sensor



From left to right: refrigerant sensor 724-701-G1, CO<sub>2</sub> 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.



EN14624



### 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
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#### 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



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





# 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.



WATCH  
OUR VIDEO!



**NOW WITH  
LASER  
POINTER!**





## 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
<b>Accessories and Replacement Parts</b>	
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.



WATCH OUR VIDEO!







#### 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
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#### 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 combustible/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®.



#### 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





## SPECIFICATIONS

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

## ORDERING INFORMATION

Wey-TEK Pro	501-202-G1
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**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<sup>®</sup> 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.

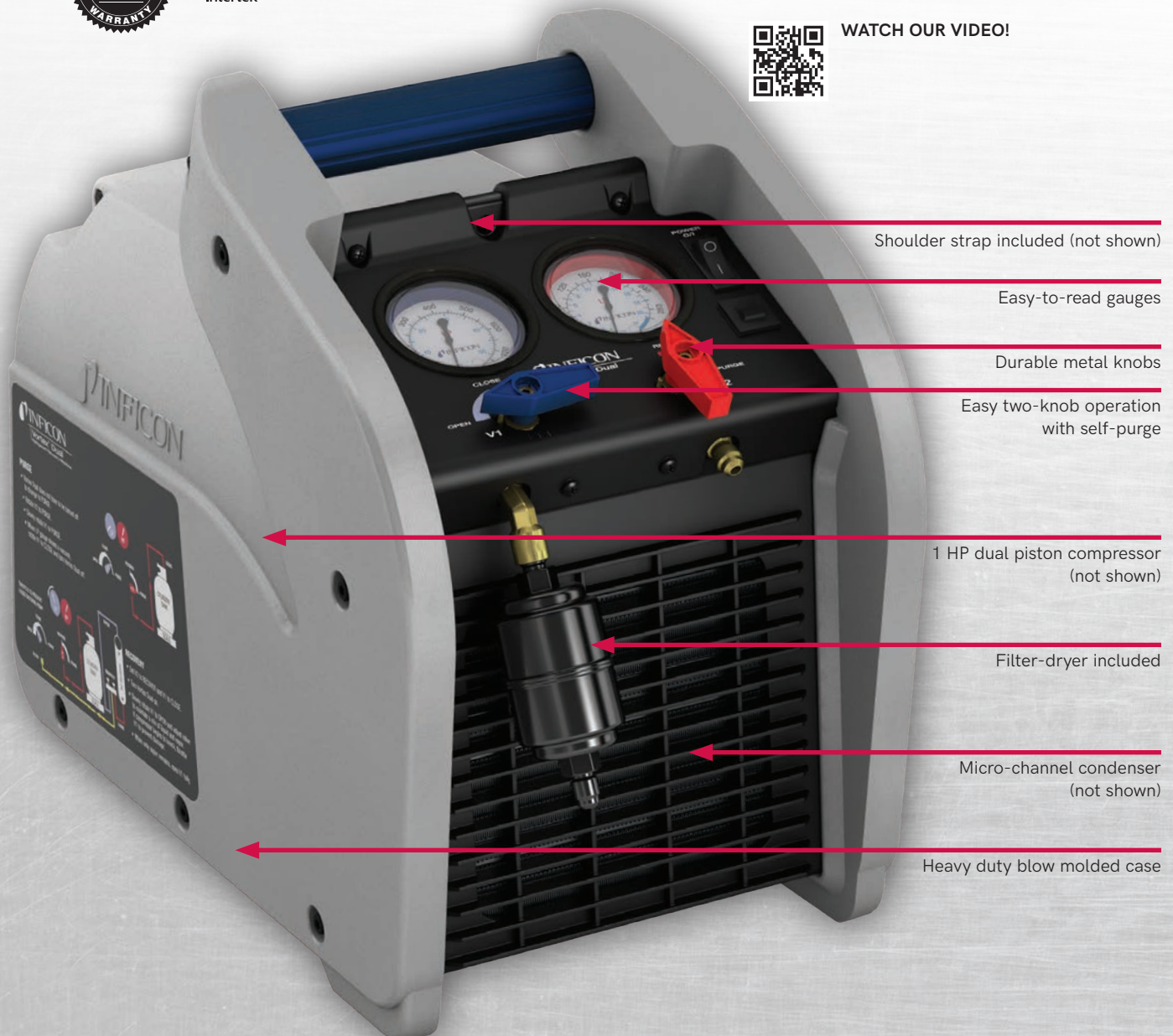


### ADVANTAGES

- 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

### CERTIFICATIONS

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

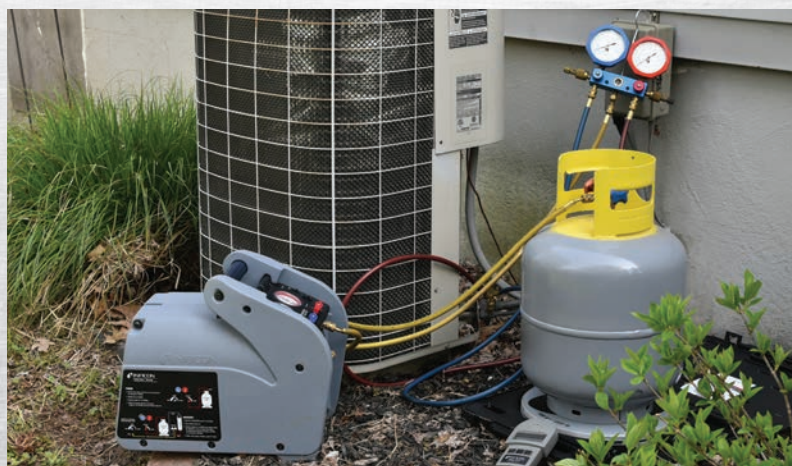
Rates are in kg/hr. and are independently tested

### 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

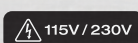
- 142 l/min (5 CFM) displacement for vacuum down to 0,02 mbar
- Inlet check valve prevents oil from flowing back into the system
- Durable metal fittings and base
- Oil demister helps reduce oil in exhaust
- Versatile dual voltage operation

#### 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
<b>Accessories and Replacement Parts</b>	
Power cord (115 V)	068-0684
Power cord (230 V Euro)	068-0685



Oil demister helps reduce oil in exhaust

Gas ballast (not shown)

Large sightglass to monitor oil level

Easy access oil drain with tethered cap

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)

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.



Full range ATM  
TO 0,01 MBAR



### SPECIFICATIONS

Includes	Pilot Plus 9 V alkaline battery Replacement filters Storage case
Battery life	45 hours
Power source	9 V alkaline battery
Fitting type	1/4 in. male flare (710-202-G1 model) KF16 flange (710-202-G27 model)
Fitting thread	7/16-20 UNF (710-202-G1 model)
Display units	Microns, Pascal, millibar, Torr
Display range	atm (1.013 mbar) to 0.01 mbar
Auto shut-off	60 min.
Accuracy	0 - 2.67 mbar and > 2.67 mbar: ±0.01 mbar
Display resolution	1 micron 1 Pa 0.01 mbar 0.001 Torr
Maximum overpressure	10.345 mbar
Dimensions	8.2 x 2.9 x 18.0 cm (3.2 x 1.1 x 7.1 in.)
Weight	240 g (0.52 lb.)
Certifications	A2L Certified CE, UKCA
Warranty	Two-year

### 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.

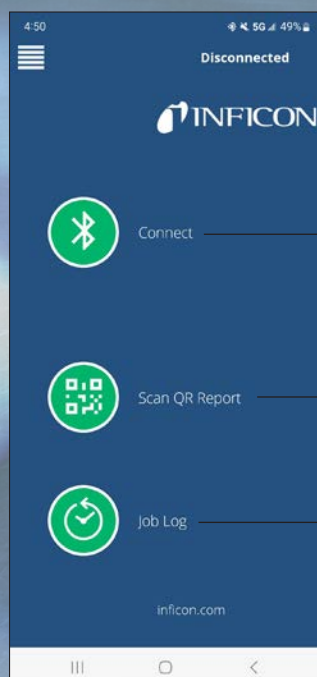
FLUE-Mate is the all-in-one combustion analyzer built to improve your combustion efficiency and safety. In addition to combustion analysis, this tool is also equipped with an integrated manometer, thermometer, CO test (ambient and flue), cracked heat exchanger test and provides draft analysis. FLUE-Mate features intuitive mode selection and navigation, 15 programmable fuel selections and a field-replaceable O<sub>2</sub> 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<sub>2</sub>, CO<sub>2</sub>, CO and flue gas temperature readings all on one screen
- Field-replaceable O<sub>2</sub> 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



**NEW!**

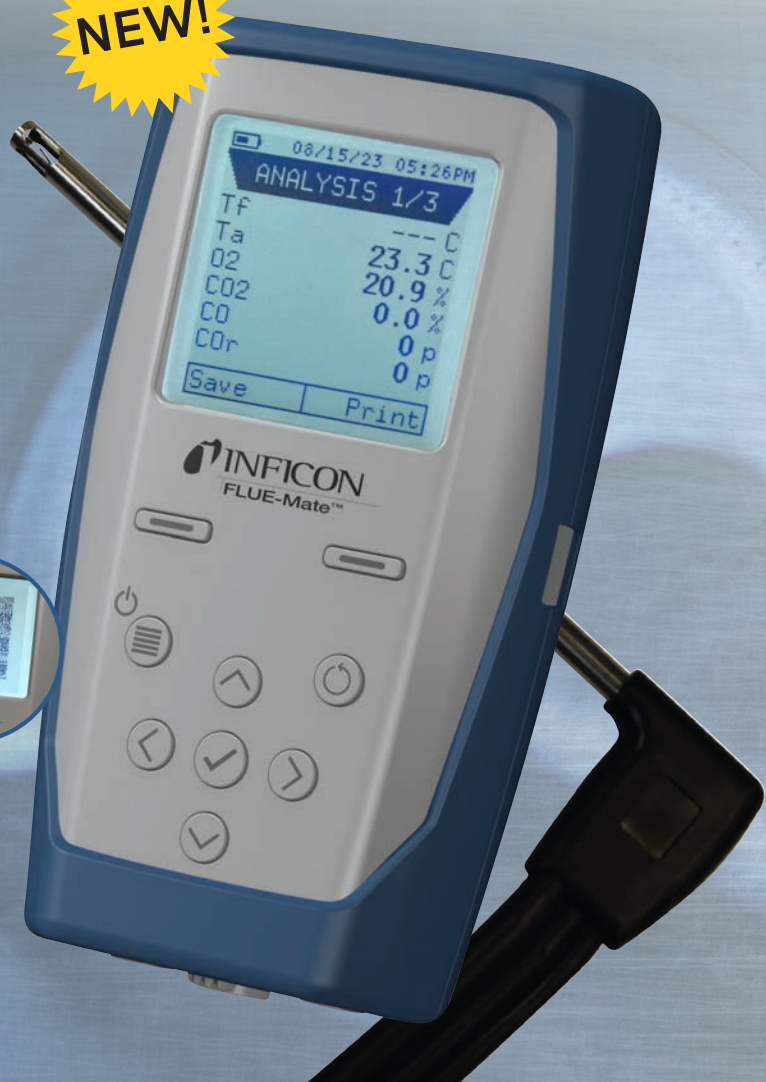


LEARN MORE  
HERE!

Connect for  
real-time readings

Scan QR code  
for a full report

View, edit,  
and share reports



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## SPECIFICATIONS

<b>Includes</b>	FLUE-Mate Flue gas probe with 1.5 m dual hose Manometer pressure hose Water trap AC wall charger Carrying case			
<b>Power source</b>	Lithium ion battery (rechargeable)			
<b>Battery life</b>	8 hours			
<b>Weight</b>	350 g			
<b>Warranty</b>	Two-year			
<b>Compatible fuels</b>	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			
	<b>Range</b>	<b>Resolution</b>	<b>Accuracy</b>	
<b>Measured</b>				
O <sub>2</sub>	0 - 25.0% vol	0.1% vol	±0.2% vol	
CO high immunity H <sub>2</sub> 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
<b>Calculated</b>				
CO <sub>2</sub>	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 502-203-G11  
with Bluetooth® printer

## Accessories and Replacement Parts

Bluetooth® printer 502-600-P1

O<sub>2</sub> 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-P1Flue gas probe with 5 ft. (1.5 m)  
dual hose 502-610-P1Pressure hose kit for use  
with manometer 502-611-P1

Lithium ion battery 502-612-P1



# CO Check<sup>®</sup>

## 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.



1-999 PPM RANGE

1 x 9V



#### 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 $\pm 1$ ppm
Auto shut-off	20 min.
Alarm indicators	Variable speed audio alarm, colored LEDs, ppm display
Dimensions (with holster)	16.0 x 9.7 x 5.1 cm (6.3 x 3.8 x 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 <sub>2</sub> (R744)	✓*	✓*			✓	✓
R290 R600 R441a	✓**	✓**		✓	✓	✓
Forming gas (95/5)				✓	✓	✓
Intrinsically safe				✓		

\* Using optional CO<sub>2</sub> 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 <sub>2</sub>	✓*	✓*			✓
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. (0.07 oz./yr.)†	1 ppm	NA
Battery type	Rechargeable	Rechargeable	Alkaline	Alkaline	Alkaline
Manual zero mode	✓	✓			
Headphone jack	✓	✓			✓
Relative price	€€€	€€	€	€	€

\* Using optional CO<sub>2</sub> sensor

\*\* Using optional flammable refrigerant sensor

† Tested per EN14624 for R134a



# 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](http://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**



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For sales and service

☎ +49 221 56788-660

✉ [servicetools.europe@inficon.com](mailto:servicetools.europe@inficon.com)



[www.inficonservicetools.com](http://www.inficonservicetools.com)

[servicetools.europe@inficon.com](mailto:servicetools.europe@inficon.com)

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