Service Tools for HVAC/R

Catalog 28

Tools You Can Rely On™

Table Of Contents

INFICON

D–TEK Stratus®

REFRIGERANT LEAK DETECTOR AND PORTABLE MONITOR

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.

WATCH OUR VIDEO!

CE

2 YEAR WARRANTY

EN14624

A2L CERTIFIED

Li-Ion

TECHNOLOGY PATENT PENDING TECHNOLOGY

MADE IN USA
WITH US AND IMPORTED PARTS

1345 ppm
Max 9999

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
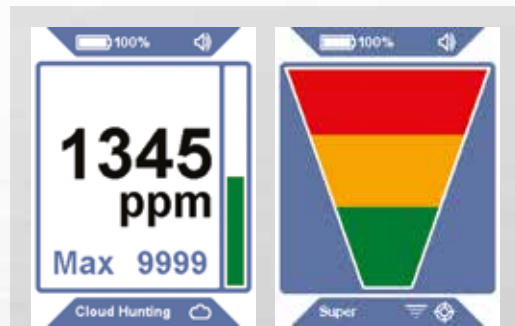
*Requires optional sensor

SPECIFICATIONS

Includes	D-TEK Stratus Infrared sensor Lithium ion battery Spare filters AC wall charger DC car charger Extra-long probe Carrying case Earbuds

Compatible refrigerants

Refrigerant sensor	R22, R32, R134a, R404a, R407c, R410a, R422b, R448a, R449a, R452a, R452b, R507 (AZ50), R1234yf and more
CO_2 sensor	CO_2 (R744)
Flammable refrigerant sensor	R290, R600a, R441a

Sensitivity (tested to EN14624 standard)

R134a	1g/yr
R1234yf	0.5g/yr
R290	5g/yr
R744 (CO_2)	2g/yr
Ammonia	3g/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
Certifications	CE EN14624:2020 A2L certified
Patents (pending)	Application #10 2018 206 877.1 Application #18171080.7 Application #10 2018 208 826.8
Probe length (standard probe)	43 cm
Warranty	Two-year

ORDERING INFORMATION

D-TEK Stratus (includes refrigerant sensor only)	724-202-G1
D-TEK Stratus (includes CO_2 sensor only)	724-204-G1

Accessories and Replacement Parts

Earbuds	721-607-G1
TEK-Check R134a reference leak	703-080-G10
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 (69 cm)	721-611-G1
Needle probe extension	721-612-G1
Refrigerant sensor (Detects CFCs, HFCFs, HFCs, and HFOs)	721-701-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, CO₂, 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-G1	D-TEK Stratus with standard refrigerant sensor
724-204-G1	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.
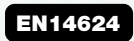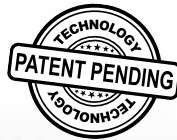
D–TEK® 3

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.

WATCH OUR VIDEO!

2 YEAR WARRANTY

CE

A2L CERTIFIED

PATENT PENDING TECHNOLOGY

EN14624

Li-Ion

NEW!

AHR EXPO INNOVATION AWARDS 2021 WINNER

MADE IN USA
WITH US AND IMPORTED PARTS

SPECIFICATIONS

Includes	D-TEK 3 Infrared sensor Lithium ion battery Spare filters AC wall charger Carrying case
Compatible refrigerants	
Refrigerant sensor	R22, R32, R134a, R404a, R407c, R410a, R422b, R448a, R449a, R452a, R452b, R507 (AZ50), R1234yf and more
CO_2 sensor	CO_2 (R744)
Flammable refrigerant sensor	R290, R600a, R441a
Sensitivity (tested to EN14624 standard)	
R134a	1g/yr
R1234yf	0.5g/yr
R290	5g/yr
R744 (CO_2)	2g/yr
Ammonia	3g/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
Certifications	CE EN14624:2020 A2L certified
Patents (pending)	Application #10 2018 208 826.8
Probe length (standard probe)	43 cm
Warranty	Two-year

ORDERING INFORMATION

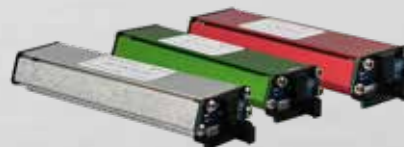|	
D-TEK 3 (includes refrigerant sensor only)	721-202-G1
D-TEK 3 (includes CO_2 sensor only)	721-204-G1
Accessories and Replacement Parts	
Earbuds	721-607-G1
TEK-Check R134a reference leak	703-080-G10
TEK-Check R1234yf reference leak	703-080-G12
Wall charger (US and international)	721-606-G1
12 V (dc) 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 (69 cm)	721-611-G1
Needle probe extension	721-612-G1
Refrigerant sensor (Detects CFCs, HFCFs, HFCs, and HFOs)	721-701-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 sensor

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 , or even flammable leaks.

724-202-G1	D-TEK 3 with standard refrigerant sensor
724-204-G1	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.

2 YEAR WARRANTY WARRANTY

CE

EN14624

A2L CERTIFIED

2 x D

ADVANTAGES

- Sensitivity of 2 g/year
- 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 and more
Sensitivity per EN14624	2 g/yr.
Power source	Two D-size alkaline batteries
Battery life	16 hours
Weight	700 g
Certifications	CE EN14624:2020 A2L certified
Probe length	38 cm
Warranty	Two-year

ORDERING INFORMATION

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

MADE IN USA

TEK–Check™

REFERENCE LEAK

The trusted leak source.

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

TEK-Check is a great tool to ensure your leak detector is working properly between yearly service checks according to EN 14624. 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/yr. (R134a) 5 to 9 g/yr. (R1234yf), depending on environmental conditions

ORDERING INFORMATION

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

ADVANTAGES

▪ Easy to use

▪ Available for R134a or R1234yf

▪ Minimum two-year life

▪ Verify leak detector operation between yearly EN 14624 certifications

▪ Small and compact; Easily fits in D-TEK or TEK-Mate carrying case

MADE IN GERMANY

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

CE

MET
NRTL LISTED
US
HAZARDOUS
LOCATION SAFETY

2 x D

MADE IN USA

SPECIFICATIONS	
Includes	GAS-Mate Combustible gas sensor Two D-size alkaline batteries Carrying case
Compatible refrigerants	Propane (R290), isobutane (R600a), R441a, hydrogen forming gas (95/5), natural gas, methane, ammonia, and more
Sensitivity	5 ppm for methane, propane (R290), isobutane (R600a), and hydrogen 1 ppm for gasoline
Power source	Two D-size alkaline batteries (use Duracell® MN1300 to maintain intrinsically safe approval)
Battery life	25 hours
Weight	700 g
Certifications	CE 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
Probe length	38 cm
Warranty	Three-year over-the-counter

ORDERING INFORMATION	
GAS-Mate	718-202-G1
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, 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

WATCH OUR VIDEO!

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.

2 YEAR WARRANTY

CE

2 x D

MADE IN USA

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
Certifications	CE
Warranty	Two-year

ORDERING INFORMATION

Whisper	711-202-G1
Whisper with accessory kit includes	711-203-G1
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 technology to detect pressurized nitrogen leaks

▪ Rugged carrying case included

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 CE **1–999 PPM RANGE**

1 x 9V

SPECIFICATIONS

Includes	CO Check 9V 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 x 9,7 x 5,1 cm
Weight (with holster)	250 g
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 200 people each year*
- 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 Consumer Product Safety Commission

MADE IN USA

Wey–TEK™

REFRIGERANT CHARGING SCALE

Accurate and reliable readings for years to come.

The Wey-TEK Refrigerant Charging Scale truly is a tool you can rely on. Simple operation, outstanding durability, and great accuracy make Wey-TEK a great choice for any technician. A large weighing platform, 100 kg capacity, and competitive price make Wey-TEK a great value. See why Wey-TEK is the most requested refrigerant scale on the market.

2 YEAR WARRANTY

220 lb / 100 kg

1 x 9V

ADVANTAGES

- 100 kg capacity
- Large, all-metal platform for durability and versatility
- High accuracy load cell will not drift
- Easy-to-use handpiece with detachable communications cable
- Displays measurements in kg, decimal lb., or lb./oz.
- Rugged carrying case included

SPECIFICATIONS

Includes	Wey-TEK weighing platform with wired control handpiece 9 V alkaline battery Carrying case
Weighing capacity	100 kg
Accuracy	±0.3% of reading ±10 g
Display resolution	10 g
Display type	LCD
Display units	kg, lb., or lb./oz.
Power source	9 V alkaline battery
Battery life	60 hours
Weight (in case)	4,1 kg
Weighing platform dimensions (W x L)	31,1 x 27,3 cm
Warranty	Two-year

ORDERING INFORMATION

Wey-TEK	713-202-G1
Accessories and Replacement Parts	
Replacement weighing platform	713-700-G1
Replacement control handpiece	713-701-G1
Replacement cable	600-1274-P1
Carrying case	713-703-G1

Wey–TEK HD Wireless™

REFRIGERANT CHARGING SCALE

Wireless freedom meets superior durability.

Wey-TEK HD Wireless takes the rugged performance of Wey-TEK and goes a step further. With a large, rubberized weighing platform, capacity of 115 kg, and Bluetooth® wireless technology for use with an optional handpiece or free smartphone app, Wey-TEK HD Wireless will help you save time and money by getting you to the next job quickly.

2 YEAR WARRANTY · CE · IPx4 WATER RESISTANT · 250 lb / 115 kg · **Bluetooth®** · 4/8 x AA

Download on the **App Store** · ANDROID APP ON **Google play**

Apple, the Apple logo, and iPhone are trademarks of Apple Inc., registered in the U.S. and other countries. App Store is a service mark of Apple Inc. Google Play is a trademark of Google Inc. Android is a trademark of Google Inc.

The Bluetooth® word mark and logos are registered trademarks owned by the Bluetooth SIG, Inc. and any use of such marks by INFICON is under license. Other trademarks and trade names are those of their respective owners.

ADVANTAGES

- 115 kg capacity
- Real-time measurements from your smartphone or tablet*
- High accuracy load cell will not drift
- 10 m Bluetooth® range
- Displays measurements in kg, decimal lb., or lb./oz., or oz.
- Alarm mode allows you to multitask on the job
- Save and e-mail job logs for refrigerant tracking**

* Compatible with iPhone® 4s and above.
Compatible with Android™ 2.2 and above.

** Job logs and email only available using smartphone or tablet

WATCH OUR VIDEO!

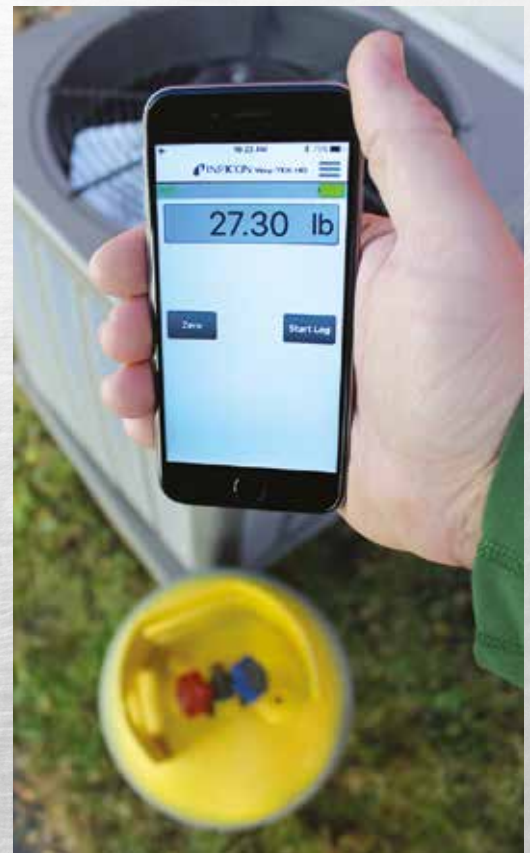### SPECIFICATIONS

	202 model	203 model
Includes	Wey-TEK HD Wireless Four AA-size alkaline batteries Carrying case	Wey-TEK HD Wireless Bluetooth handpiece Eight AA-size alkaline batteries Carrying case
Weighing capacity	115 kg	
Accuracy	±0.06% of reading ±10 g	
Display resolution	10 g	
Display type	User provided smartphone/tablet	Full color LCD or user provided smartphone/tablet
Display units	kg, lb., lb./oz., or oz.	
Power source	Four AA-size alkaline batteries (base)	Four AA-size alkaline batteries (base) Four AA-size alkaline batteries (handpiece)
Battery life	80 hours (base)	80 hours (base) 100 hours (handpiece)
Weight (in case)	3,7 kg	4,1 kg
Weighing platform dimensions (W x L)	31,1 x 27,3 cm	
Certifications	CE, IPx4 water resistant	
Warranty	Two-year	

ORDERING INFORMATION

Wey-TEK HD Wireless	719-202-G1
Wey-TEK HD Wireless with Handpiece	719-203-G1

Accessories and Replacement Parts

Handpiece only	719-715-G1
Carrying case	719-701-G1

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.
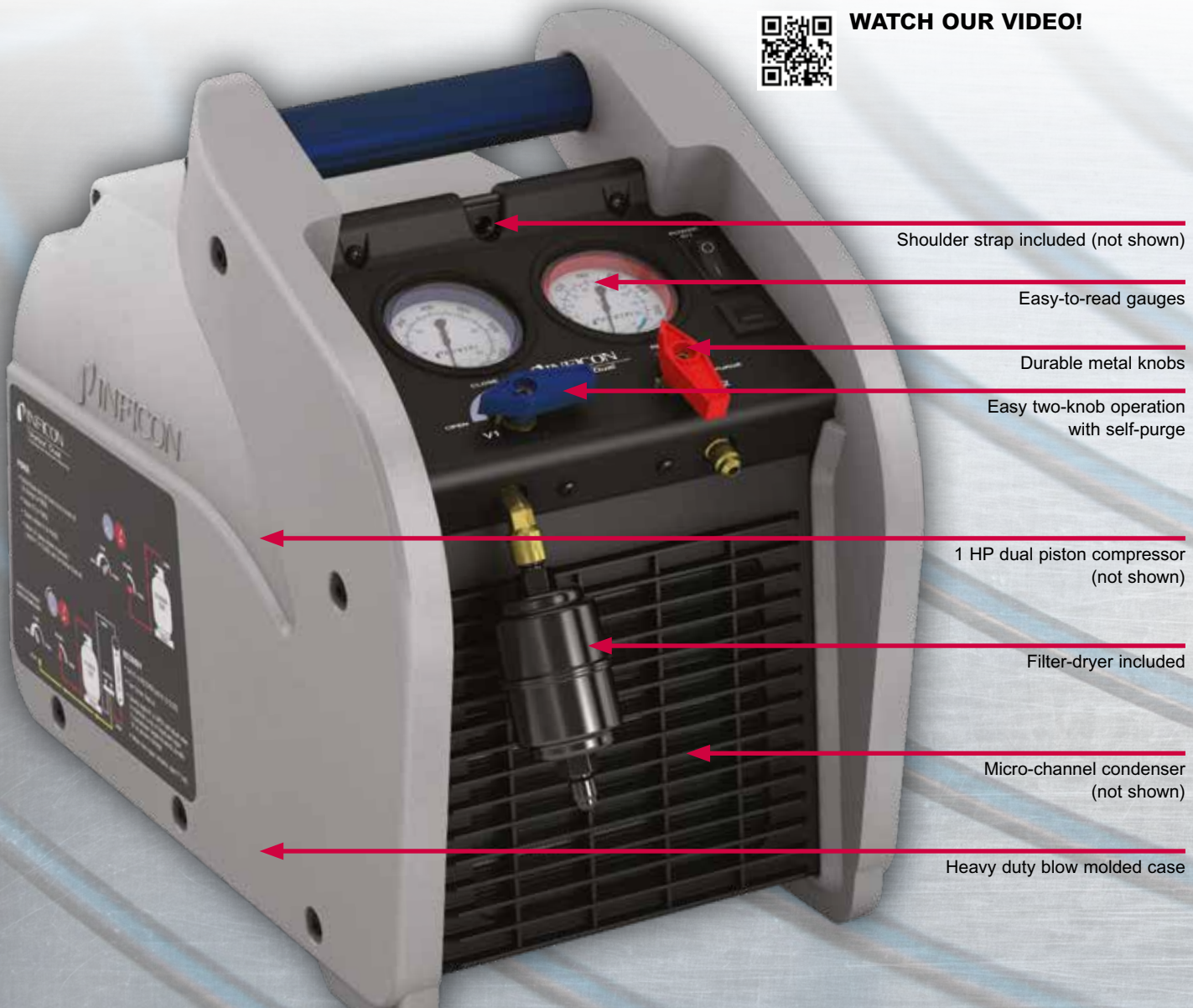
ADVANTAGES

- 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

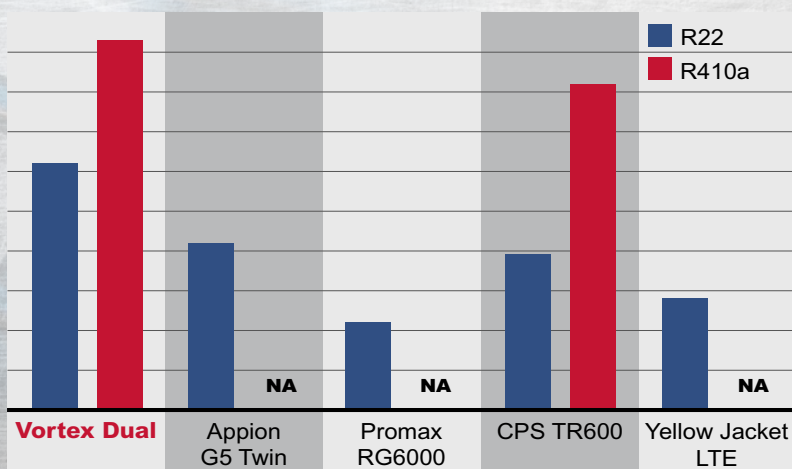|	
Includes	Vortex Dual Shoulder strap Filter/dryer Detachable power cord
Compatible refrigerants	Commonly used CFCs, HCFCs, HFCs, and HFOs including R410a, R12, R22, R32, R134a, R404, R407c, R500, R502, R1234yf, Not recommended for use with flammable (HC) refrigerants
Weight	13,5 kg
Dimensions (L x 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, 10 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

HIGH TEMP VAPOR RECOVERY RATES

QS5

VACUUM PUMP

An affordable pump that lasts.

QS5 is a 142 l/min (5 CFM) 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.
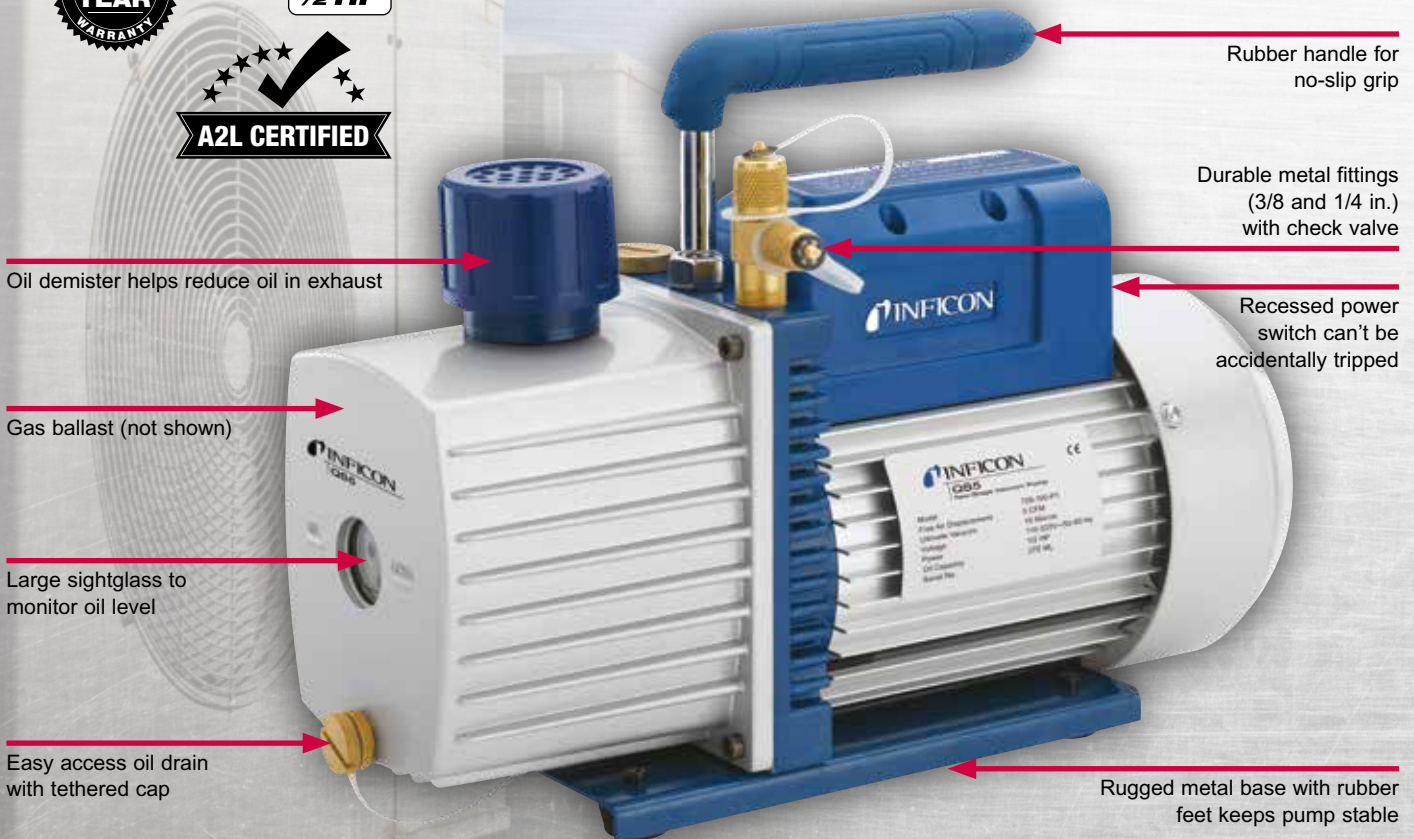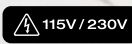
ADVANTAGES

- 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 (5 cfm, 8,52 m³/h)
Motor	1/2 HP AC
Oil capacity	370 ml
Weight	10,9 kg
Power source	115/230 V (ac) dual voltage operation
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)	068-0685

2 YEAR WARRANTY

CE

⚠ 115V / 230V

5 CFM 142 l/min 8,5 m³/h

1/2 HP

A2L CERTIFIED

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

Recessed power switch can't be accidentally tripped

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. A two-year warranty ensures it will perform for years to come.

2 YEAR WARRANTY   CE

Full range ATM TO 0,01 MBAR

1 x 9V

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 to 0,267 mbar: 0,013 mbar >0,267 mbar: ±10% of reading
Display resolution	1 micron 1 Pa 0,01 mbar 0,001 Torr
Maximum overpressure	10.345 mbar
Dimensions	8,2 x 2,0 x 18,0
Weight	240 g
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

MADE IN USA

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 over-the-counter 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)	✓	✓	✓		✓
R290, R600, R441a	✓**	✓**		✓	
Forming gas (95/5)				✓	
Intrinsically safe				✓	
Sensitivity	1 g/yr.†	1 g/yr.†	2 g/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
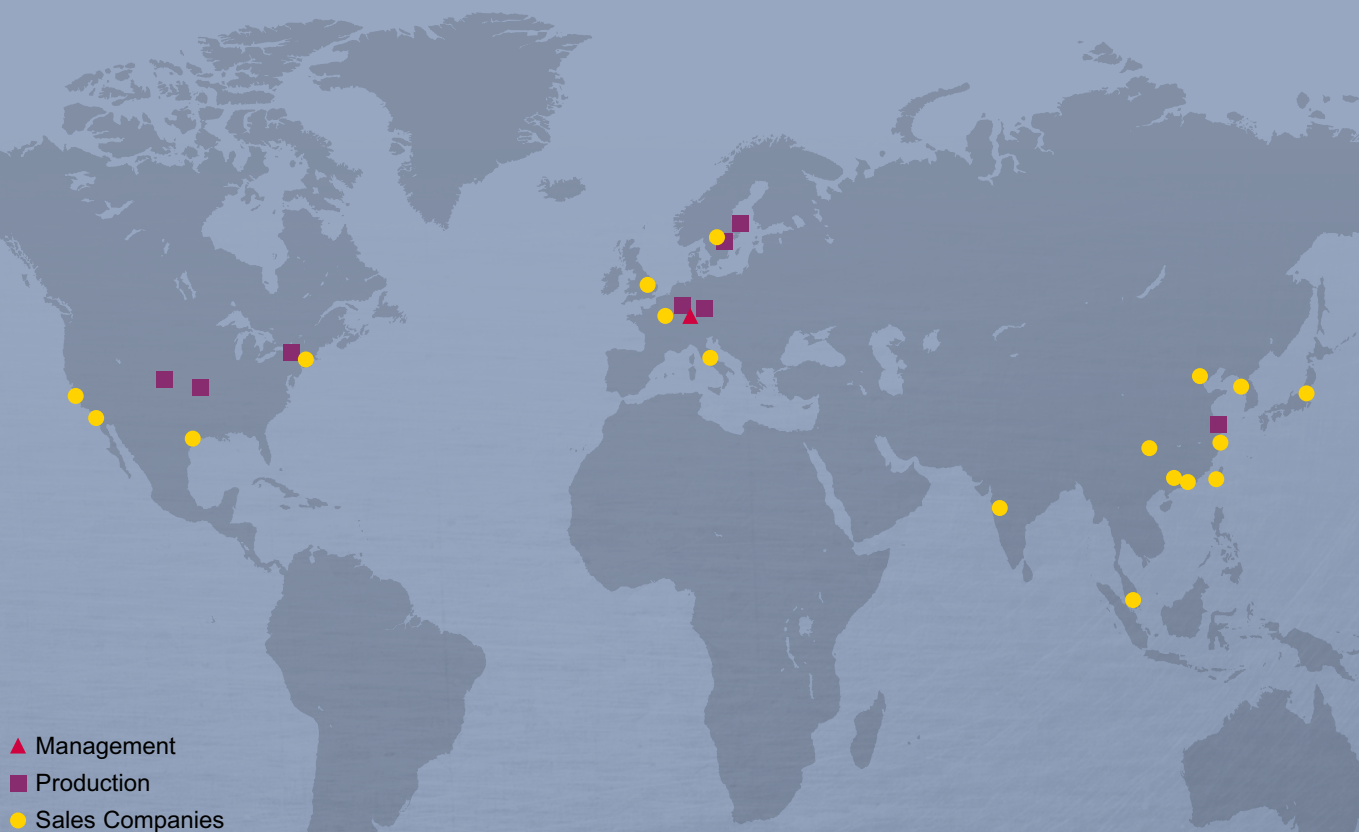†   Tested per EN14624

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 manu-

facturing 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.

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● Sales Companies

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