



Tools for HVAC/R Service

Catalog 30



Laboratory Accurate. Toolbox Tough.®

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.



**A2L
CERTIFIED**



EN14624

Li-Ion



WATCH OUR VIDEO!

ADVANTAGES

- Detects traditional refrigerants, blends, CO₂*, 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

†Compatible to detect A3 refrigerants in small charge systems only. For larger systems, use an intrinsically safe leak detector.

SPECIFICATIONS

Includes	D-TEK Stratus Infrared refrigerant sensor Lithium ion battery Spare filters AC wall charger with USB C cable Extra-long probe Carrying case Earbuds
Compatible refrigerants	
Refrigerant sensor	R22, R32, R134a, R404a, R407c, R410a, R422b, R448a, R449a, R452a/b, R454a/b, R507 (AZ50), R1234yf/ze and more including A2Ls
CO ₂ sensor	CO ₂ (R744)
Flammable refrigerant sensor	R290, R600a, R441a
Sensitivity (tested to EN14624 standard)	
R134a	0.03 oz./yr (1 g/yr)
R1234yf	0.02 oz./yr (0.5 g/yr)
R290	0.2 oz./yr (5 g/yr)
R744 (CO ₂)	0.07 oz./yr (2 g/yr)
Ammonia	0.1 oz./yr (3 g/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	1.31lb (0.59 kg)
Certifications	EN14624:2020 A2L certified CE, UKCA
Patents	Pat. US 11441969B2 Pat. US 11262296B2 Application #18171080.7
Probe length (standard probe)	~17 in. (43 cm)
Warranty	Two-year over-the-counter

ORDERING INFORMATION

D-TEK Stratus (includes refrigerant sensor only)	724-202-G1
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
Leak Detection Pro Kit	724-712-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, CO₂, or even flammable leaks.

724-202-G1	D-TEK Stratus with standard refrigerant sensor
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, CO₂ sensor 724-701-G2, and flammable refrigerant sensor 724-701-G3.

D-TEK[®] 3

REFRIGERANT LEAK DETECTOR

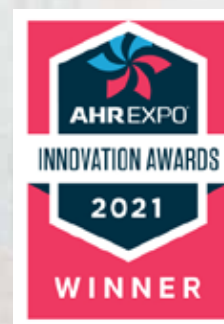
Stop leaking profits.

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 CO₂ and flammable refrigerant sensor give you three instruments in one. Upgrade your toolbox with this accurate and reliable leak detector.



EN14624

Li-Ion



WATCH OUR VIDEO!



¹Compatible to detect A3 refrigerants in small charge systems only. For larger systems, use an intrinsically safe leak detector.

SPECIFICATIONS

Includes	D-TEK 3 Infrared refrigerant sensor Lithium ion battery Spare filters USB cable Carrying case
Compatible refrigerants	
Refrigerant sensor	R22, R32, R134a, R404a, R407c, R410a, R422b, R448a, R449a, R452a/b, R454a/b, R507 (AZ50), R1234yf/ze and more including A2Ls
CO ₂ sensor	CO ₂ (R744)
Flammable refrigerant sensor	R290, R600a, R441a
Sensitivity (tested to EN14624 standard)	
R134a	0.03 oz./yr (1 g/yr)
R1234yf	0.02 oz./yr (0.5 g/yr)
R290	0.2 oz./yr (5 g/yr)
R744 (CO ₂)	0.07 oz./yr (2 g/yr)
Ammonia	0.1 oz./yr (3 g/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	0.97 lb. (440 g)
Certifications	EN14624:2020 A2L certified CE, UKCA
Patents	Pat. US 11262296B2
Probe length (standard probe)	~17 in. (43 cm)
Warranty	Two-year over-the-counter

ORDERING INFORMATION

D-TEK 3 (includes refrigerant sensor only) 721-202-G1

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, 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
Leak Detection Pro Kit	724-712-G1
Carrying case	724-700-G1

ADVANTAGES

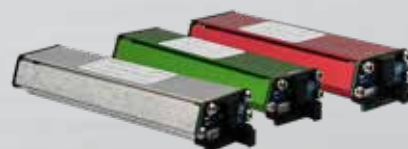
- Detects traditional refrigerants, blends, CO₂*, and even flammables*
- All new, redesigned infrared sensor
 - Longest sensor life in the industry
 - Easy field replacement
- New lithium ion battery
 - Quick charge capability
 - Easy field replacement
- Automatic and manual zero modes
- Sensitivity will not degrade over time
- Rugged carrying case included

*Requires optional sensor

DETECT REFRIGERANT, 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, CO₂, or even flammable leaks.

721-202-G1	D-TEK 3 with standard refrigerant sensor
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, CO₂ sensor 724-701-G2, and flammable refrigerant sensor 724-701-G3.



D-TEK® Pro

REFRIGERANT LEAK DETECTOR

Detect faster, work smarter.

Introducing D-TEK Pro Refrigerant Leak Detector, the ultimate in speed and sensitivity. With detection down to 0.1 ppm and superior air flow, D-TEK Pro finds smaller leaks from a greater distance. No need to switch between several modes – the all-in-one Pro Mode combines Cloud Hunting® and pinpointing, giving D-TEK Pro the ability to locate the cloud and identify the leak location within the same mode. Download the free mobile app to generate customer reports with ppm tracking and confirm leak checking location with GPS. With no expensive charcoal filters to replace and no need to wait for purging, D-TEK Pro the high performance, low maintenance tool every commercial tech needs on their service vehicle.



ADVANTAGES

- Industry-leading sensitivity with 0.1 ppm resolution
- Detects all CFCs, HCFCs, HFCs, HFOs and blends including A2Ls
- Pro mode with lightning-fast reaction time
- Free mobile app generates customer reports with ppm tracking
- GPS to confirm job location
- Find smaller leaks from a greater distance with superior airflow
- No purging and no charcoal filters keep both downtime and maintenance costs at a minimum



SPECIFICATIONS

Includes	D-TEK Pro Soft case with shoulder strap Phone holder Spare filters Charging cable Carrying case
Display resolution	0.1 ppm
Compatible refrigerants	R22, R32, R134a, R404a, R407a, R407c, R410a, R422b, R448a, R449a, R452a/b, R454a/b, R507(AZ50), R1234yf/ze, R513a and more
Patents	Pat. US 10352848B2 Pat. EP 3163299B1 Pat. CN 108603871B Pat. JP 6789290B2 Pat. CN 108885198A Pat. EP 3163166B1 Pat. JP 7042742B2 Pat. US 10866225B2 Pat. CN 108885198B
Sensor life	5000 hours
Battery life	~14 hrs
Flow rate	0.75L/min
Measuring range	0 to 10,000 ppm
Certifications	CE, A2L Certified, EN14624
Operating temperature	-4 to 122 °F (-20 to 50 °C)*
Storage temperature	-4 to 140 °F (-20 to 60 °C)**
Probe length	~17 in. (43 cm.)
Hose length	~52 in. (132 cm.)
Weight (without hose and probe)	3.02 lb. (1.37 kg)
Warranty	Two-year over-the-counter

*Use in temperatures below 32°F (0°C) or above 104°F (40°C) should be limited. Extended warm-up time is recommended before use in low temperature environments.

**For extended storage over 1 month, recommended max storage temp is 74°F (23°C).

ORDERING INFO

D-TEK Pro	508-202-G1
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ACCESSORIES & REPLACEMENT PARTS

Replacement probe	724-703-G1
Extra-long probe	721-611-G1
Replacement probe cap	712-705-G1
Spare probe filters	712-707-G1
Needle probe extension	721-612-G1
Leak detection pro kit	724-712-G1
Spare disc filters	508-701-G1
Replacement hand probe/hose assembly	508-700-G1
Phone holder	508-702-G1
Soft case with shoulder strap	508-703-P1
Replacement wall charger	508-704-P1
Replacement carrying case	508-705-G1



TEK-Mate®

REFRIGERANT LEAK DETECTOR

The next generation of reliability.

Meet the all-new TEK-Mate: the same trusted name, now with advanced sensor technology and an upgraded design. TEK-Mate features a new heated diode sensor, offering improved sensitivity and a longer sensor life. Its refined, ergonomic design ensures comfort and ease of use, while the rechargeable lithium-ion battery provides longer and more consistent performance. A vibrant color LCD display gives technicians a clear visual indication of leaks, along with real-time battery status for optimal efficiency.



EN14624



LEARN MORE
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COMING
2026!

ADVANTAGES

- Sensitivity of 0.07 oz./yr (2 g/yr.)
- Detects all CFCs, HCFCs, HFCs HFOs, and blends (including A2Ls)
- New heated diode sensor with longer lifetime, less degradation and improved consistency
- Bright, backlit LCD display
- Lithium ion rechargeable battery
- No false alarms from soap solutions
- Rugged carrying case included

SPECIFICATIONS

Includes	TEK-Mate Heated diode sensor Lithium ion battery USB C cable Spare filters Carrying case
Sensitivity per EN14624	0.07oz./yr (2 g/yr.)
Compatible refrigerants	R22, R32, R134a, R404a, R407c, R410a, R422b, R448a, R449a, R452a, R452b, R507 (AZ50), R1234yf/ze and more
Power source	Lithium ion battery (rechargeable)
Battery life	~12 hours
Certifications	EN14624:2020, CE, UKCA, KC, A2L Certified
Probe length	15 in. (38 cm)
Warranty	Two-year over-the-counter

ORDERING INFORMATION

TEK-Mate	506-202-G1
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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	506-700-G1

Leak Detector Accessories

Get even more out of your leak detector.

Accessories designed to maximize capability and performance.

LEAK DETECTION PRO KIT

Designed to help you leak check like a pro, this kit comes with a needle probe, rubber I-Tip, brush I-Tip XL, spare filters and extra rubber refills. Use the needle probe to diagnose problems in unique applications like VRF and other systems that have hard-to-access refrigerant lines, and even check for leaks in insulated areas without removing insulation. For windy or drafty conditions, attach I-Tip or I-Tip XL to the end of the probe to contain the refrigerant sample and find leaks in any environment.



SPECIFICATIONS

Includes	Needle probe extension I-Tip I-Tip XL Rubber refills Filter cartridges
Compatible Leak Detectors	D-TEK 3, D-TEK Stratus, D-TEK Pro, D-TEK Select

ORDERING INFORMATION

Leak Detection Pro Kit	724-712-G1
Needle Probe Extension	721-612-G1
Rubber Refills	724-713-G1
Filter Cartridges	712-707-G1

TEK-CHECK™ REFERENCE LEAK

TEK-Check is a compact calibrated leak source that continuously leaks R134a, R1234yf or R600a with a lifespan of 2+ years. Keep TEK-Check on hand for a quick, reliable way to verify your leak detector is functioning properly.



SPECIFICATIONS

Dimensions	3.7 x 1.2 x 1.2 in. (9.5 x 3 x 3 cm)
Weight	0.18 lb (80 g)
Warranty	Two-year
Leak Rate	5 g/yr. depending on environmental conditions

ORDERING INFORMATION

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

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**



**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	1.06 lb. (482 g)
Certifications	A2L Certified CE, UKCA
Warranty	Two-year over-the-counter

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



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 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	1.54 lb. (700 g)
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	15 in. (38 cm)
Warranty	Three-year over-the-counter

ORDERING INFORMATION

GAS-Mate	718-202-G1
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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, 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



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, ambient CO test, cracked heat exchanger test and provides draft analysis. FLUE-Mate features intuitive mode selection and navigation, 15 programmable fuel selections and a field-replaceable O₂ 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, O₂, CO₂, CO and flue gas temperature readings all on one screen
- Field-replaceable O₂ sensor 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



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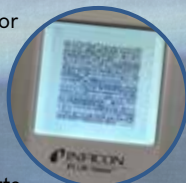
LEARN MORE
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Connect for
real-time readings

Scan QR code for
a full report

View, edit,
and share reports



SPECIFICATIONS

Includes	FLUE-Mate Flue gas probe with 5 ft. (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	0.77 lb. (349 g)
Warranty	Two-year over-the-counter
Compatible fuels	Natural gas, Propane, Fuel oil (#2, #4, or #6), Diesel, Wood, Coal, Bio-fuel 5%, L.P.G., Butane, Bagasse, B100

	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	-4.0 - 248.0°F -20.0 - 120.0°C	0.2°F 0.1°C	±1.8°F ±1°C	
Flue gas temperature	-4.0 - 1472.0°F -20.0 - 800.0°C	0.2°F 0.1°C	±1.8°F (±1°C) ±1% measured value	-4 - 212°F (-20-100°C) 212.2 - 1472°F (101-800°C)
Pressure (draft & differential)	-40.0 - +80.0 in. H ₂ O	0.004 in. H ₂ O	±1% measured value ±0.008 in. H ₂ O ±1% measured value	-40.0 - -0.81 in. H ₂ O -0.80 - +0.80 in. H ₂ O +0.81 - +80.0 in. H ₂ O
Calculated				
CO ₂	0 - 99.9% vol	0.1% vol		
Temperature differential	32.0 - 1472.0°F 0 - 800.0°C	0.2°F 0.1°C		
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-G1
FLUE-Mate Combustion Analyzer with Bluetooth® printer	502-203-G1

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
Test port plugs	502-613-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.



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 ± 1 ppm
Auto shut-off	20 min.
Alarm indicators	Variable speed audio alarm, colored LEDs, ppm display
Dimensions (with holster)	6.3 x 3.8 x 2.0 in. (16.0 x 9.7 x 5.1 cm)
Weight (with holster)	0.56 lb. (250 g)
Certifications	CE, UKCA
Warranty	Two-year over-the-counter

ORDERING INFORMATION

CO Check	715-202-G1
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Accessories and Replacement Parts

Holster case	715-400-P1
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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

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 1 micron. A Pirani sensor with a protective filter and other premium features give you great performance.



Full range ATM
TO 1 MICRON

1 x 9V



A2L
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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 (760,000 microns) to 1 micron
Auto shut-off	60 min.
Accuracy	0 to 2000 microns: ± 10 microns >2000 microns: $\pm 10\%$ of reading
Display resolution	1 micron 1 Pa 0.01 mbar 0.001 Torr
Maximum overpressure	150 psi (7.76×10^6 microns)
Dimensions	$3.2 \times 1.1 \times 7.1$ in. ($8.2 \times 2.9 \times 18.0$ cm)
Weight	0.52 lb. (240 g)
Certifications	A2L Certified CE, UKCA
Warranty	One-year over-the-counter

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 1 micron
- 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

Wey-TEK® Pro

REFRIGERANT CHARGING SCALE

For all jobs, big and small

Wey-TEK Pro is truly a do-it-all scale. A large, 275 lb. (125 kg) capacity platform allows you to easily weigh large tanks, while its 0.1 oz (3 g) 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 Pro app and connect your mobile device via Bluetooth®.



ADVANTAGES

- 275 lb. (125 kg) capacity platform designed to fit all tank sizes
- Wired handpiece with bright, backlit LCD display
- Bluetooth connectivity with free mobile app
- 0.1 oz (3 g) 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

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

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

Fast and reliable recovery.

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

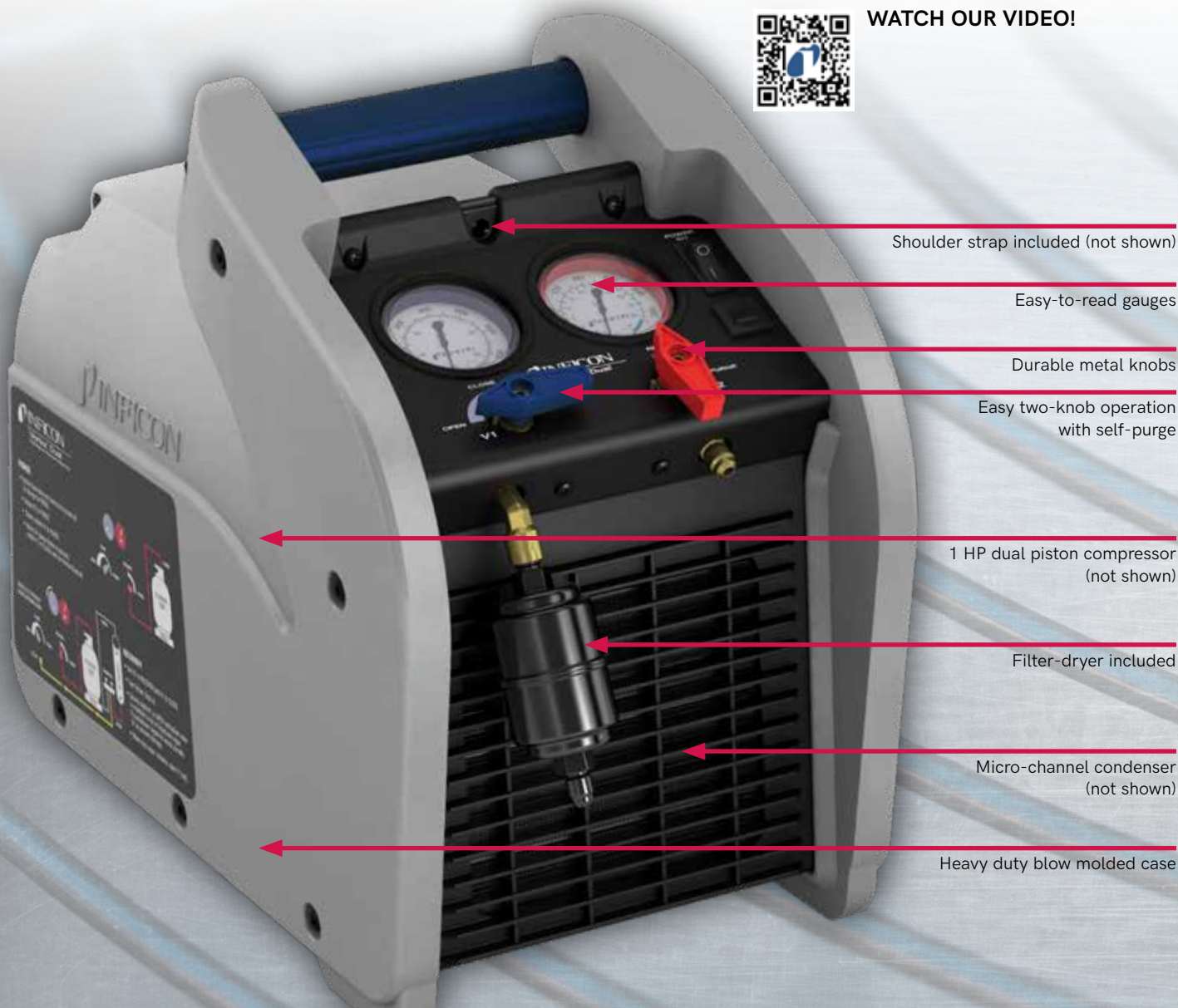


ADVANTAGES

- 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/ze, Not recommended for use with flammable (HC) refrigerants
Weight	29.75 lb. (13.5 kg)
Dimensions (L x W x H)	16.7 x 9.2 x 14.2 in. (42.4 x 23.4 x 36.1 cm)
Compressor	1 HP oil-less, dual piston, AC motor drive
High pressure shut-off	550 psi
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) A2L certified CE, UKCA (714-202-G11 model)
Warranty	Three-year over-the-counter

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.

Refrigerant	R134a	R22	R410a
Representative of category	III	IV	V
High temp vapor rate	N/A	0.62 (0.28)	0.93 (0.42)
Vapor rate	0.47 (0.21)	0.55 (0.25)	0.55 (0.25)
Liquid rate	5.1 (2.29)	8.0 (3.60)	10.60 (4.77)
Push-pull rate	11.64 (5.24)	15.01 (6.75)	17.39 (7.82)

Rates are in lb./min. (kg/min.) 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

- 5 CFM displacement for vacuum down to 15 microns
- 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	5 cfm (142 l/min 8.52 m³/h)
Motor	1/2 HP AC
Pump stages	2
Oil capacity	12.5 oz. (370 ml)
Weight	24 lb. (10.89 kg)
Certifications	A2L Certified CE, UKCA
Power source	115/230 V (ac) dual voltage operation
Stages	2
Warranty	Two-year over-the-counter

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



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 1-800-344-3304 and we'll help you pick the right instrument for your needs.

						
	D-TEK Pro	D-TEK Stratus	D-TEK 3	TEK-Mate	GAS-Mate	Whisper
Sensor technology	Infrared	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	0.02 oz./yr (0.5 g/yr) [†]	0.03 oz./yr. (1 g/yr.) [†]	0.03 oz./yr. (1 g/yr.) [†]	0.07oz./yr (2 g/yr.) [†]	1 ppm	NA
Battery type	Rechargeable	Rechargeable	Rechargeable	Rechargeable	Alkaline	Alkaline
Manual zero mode		✓	✓			
Headphone jack		✓	✓			✓
Relative price	\$\$\$\$	\$\$\$	\$\$	\$	\$	\$

* Using optional CO₂ sensor

** Using optional flammable refrigerant sensor

† Tested per EN14624 for R134a

For sales and service
call 1-800-344-3304
or visit www.inficonservicetools.com



www.inficonservicetools.com

service.tools@inficon.com

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