

# INFICON

## Refrigerant Leak Detectors



### D-TEK™ Select



As the first accurate, reliable, highly sensitive, cordless refrigerant leak detector, the original D-TEK revolutionized the field. Now we have built on that technology leadership to create D-TEK Select. This next-generation refrigerant leak detector uses an innovative infrared absorption sensing cell that is extremely sensitive to all refrigerants – and only refrigerants. D-TEK Select maintains that sensitivity over time for consistent, accurate and reliable performance, even with the newer refrigerant blends. Best of all, the sensing cell lasts for approximately 800 hours – almost 10 times longer than the original D-TEK sensor – to lower your cost of ownership and improve job site productivity. Additional enhancements include a charging status indicator, sensor failure indication, and NiMH (nickel metal hydride) batteries. All in an easy-to-use unit with the quality and durability you've come to expect from INFICON.

Base unit includes Infrared cell, NiMH battery, spare filters, 120V adapter with 6' cord, 12V adapter with cigarette lighter plug, and a hard plastic carrying case.

| Mfg Part No | Min Sensitivity (oz/yr) | Adjustable Sensitivity | Power Source               | Sensor Type | Warranty           |
|-------------|-------------------------|------------------------|----------------------------|-------------|--------------------|
| 712-202-G1  | 0.10                    | Yes                    | NiMH batteries, AC adapter | Infrared    | 2-year replacement |

### Accessories

| Mfg Part No | Description                                |
|-------------|--|
| 032-0404    | Headphones                                 |
| 703-080-G1  | TEK-Check R134A reference leak             |
| 033-0019    | 120V adapter and cord                      |
| 703-055-P1  | 12V power cord with cigarette lighter plug |
| 712-700-G1  | NiMH batteries                             |
| 712-701-G1  | Infrared cell                              |
| 712-702-G1  | Storage case                               |
| 712-705-G1  | Filter cap                                 |
| 712-707-G1  | Filter cartridges                          |

### TEK-Mate®



TEK -Mate is the ideal refrigerant leak detector for the light-to-medium duty user who demands reliable leak detection at a budget-friendly price. Features such as the patented INFICON heated diode sensor, variable intensity audible and visual alarms and automatic compensation for changing background refrigerant concentrations make TEK -Mate the best bargain in refrigerant leak detectors. See for yourself why TEK -Mate is the #1 selling refrigerant leak detector in the HVAC/R market.

Base unit includes Sensor, 2 D-size alkaline batteries, spare filters, and a hard plastic carrying case.

| Mfg Part No | Min Sensitivity (oz/yr) | Adjustable Sensitivity | Power Source                | Sensor Type  | Warranty           |
|-------------|-------------------------|------------------------|-----------------------------|--------------|--------------------|
| 705-202-G1  | 0.25                    | Yes                    | 2 D-size alkaline batteries | Heated diode | 2-year replacement |

### Accessories

| Mfg Part No | Description                    |
|-------------|--------------------------------|
| 703-080-G1  | TEK-Check R134A reference leak |
| 703-020-G1  | Sensor                         |
| 705-401-P1  | Storage case                   |
| 705-600-G1  | Filter kit                     |

## Refrigerant Charging Scales



### Wey-TEK™



The Wey-TEK Refrigerant Charging Scale continues to set new standards in affordability and accuracy with a higher weight capacity—220 lbs., twice that of many other scales—at a competitive price. With Wey-TEK, you can easily weigh and charge from the same large platform. Wey-TEK is very easy to use. Its high-accuracy load cell gives the correct reading every time (no matter where the cylinder is on the weighing platform), and you can read its large LCD display at a distance, even in direct sunlight. A high-performance necessity for your service kit, Wey-TEK makes an excellent companion to the D-TEK Select or TEK -Mate Refrigerant Leak Detectors.

Base unit includes Weighing platform, control handpiece, communication cable, one 9V battery, plastic carrying case.

| Mfg Part No | Capacity (lbs) | Power source        | Warranty           | Accuracy (oz) | Weight (lbs) |
|-------------|----------------|---------------------|--------------------|---------------|--------------|
| 713-202-G1  | 220            | 9V alkaline battery | 1-year replacement | +/- 0.25      | 6            |

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|                |              |               |              |                |              |                  |              |
|----------------|--------------|---------------|--------------|----------------|--------------|------------------|--------------|
| Albany, NY     | 518-489-0010 | Rochester, NY | 585-482-3876 | Allentown, PA  | 610-437-9818 | Scranton, PA     | 570-346-1565 |
| Binghamton, NY | 607-724-2451 | Syracuse, NY  | 315-475-3131 | Altoona, PA    | 814-941-7617 | Stroudsburg, PA  | 570-424-5724 |
| Buffalo, NY    | 716-853-1291 | Utica, NY     | 315-732-4077 | Erie, PA       | 814-459-4559 | Wilkes-Barre, PA | 570-824-8779 |
| Middletown, NY | 845-733-5666 |               |              | Harrisburg, PA | 717-558-0828 | Williamsport, PA | 570-323-4606 |

**Refrigerant Charging Scales**



**Wey-TEK™**

**Accessories**

| Mfg Part No | Description                          |
|-------------|--------------------------------------|
| 713-702-G1  | Charging module                      |
| 713-203-G1  | Wey-TEK scale and charging module    |
| 715-400-P1  | Holster case for Wey-TEK handpiece   |
| 713-700-G1  | Weighing platform                    |
| 713-701-G1  | Control handpiece                    |
| 713-703-G1  | Case for Wey-TEK                     |
| 713-704-G1  | Case for Wey-TEK and charging module |

**Refrigerant Recovery Machine**



**Vortex™ AC**



Vortex AC, the next generation refrigerant recovery machine from INFICON, expands on the proven high performance and durability of the original Vortex. An upgraded compressor with ceramic bearings provides even longer life, increased recovery rates and a guarantee against failed compressors – under any circumstances. Vortex AC contains a single-valve, liquid-tolerant, oil-less compressor driven by a ½ HP AC motor. This compressor/motor combination ensures durability and longevity without compromising recovery rates or torque.

Vortex AC is up for your job, whether it involves large amounts of refrigerant vapor or liquid. It carries an industry-leading, 3-year, over-the-counter replacement warranty for the whole machine – the compressor, valves, fan and all other components. Vortex AC continues to offer the innovative and revolutionary features of the Vortex. Its individual valve assembly with dual-sealed valve stems eliminates leaks, and a unique brazed aluminum condenser design provides better heat transfer. With its three-valve design, you can purge the machine without changing hoses. Vortex AC is light, compact and well-balanced, providing you with convenience and durability.

Base unit includes Shoulder strap, 6' detachable power cord.

| Mfg Part No | Warranty           | Weight (lbs) | Power Source         | High Pressure Shut-Off (psi) |
|-------------|--------------------|--------------|----------------------|------------------------------|
| 714-202-G1  | 3-year replacement | 27           | 120V, 60 Hz, 10 amps | 550                          |

**Accessories**

| Mfg Part No | Description                         |
|-------------|-------------------------------------|
| 708-203-G1  | 80% tank overflow protection device |
| 068-0391    | Power cord                          |

**Vacuum Gauges**



**Pilot™**



With its technologically advanced Pirani sensor, the INFICON Pilot Vacuum Gauge works throughout the entire evacuation process of air conditioning or refrigeration systems. Its easy-to-read digital display accurately shows the vacuum level at every stage in the evacuation cycle, from atmosphere down to one micron. Using the Pilot Vacuum Gauge, there's no waiting until the pumping process is well underway before you know whether your connections are tight.

And that's the problem with vacuum gauges currently being used. If your gauge or pump is not properly connected to the system, you may never get down to the vacuum level required to get a reading on your gauge. Unlike these gauges, Pilot works at atmosphere, so you'll know right away if a vacuum is being pulled properly.

Base unit includes 9V battery, storage case.

| Mfg Part No | Display Range                     | Display Units              | Power Source | Warranty           | Weight (oz) |
|-------------|-----------------------------------|----------------------------|--------------|--------------------|-------------|
| 710-202-G1  | atm (760,000 microns) to 1 micron | microns, Pascal, millibars | 9V battery   | 1-year replacement | 7.25        |

**Accessories**

| Mfg Part No | Description           |
|-------------|-----------------------|
| 710-617-G1  | Vacuum gauge manifold |
| 715-400-P1  | Holster case          |
| 710-600-G1  | Carrying case         |



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## Vacuum Pump



### SHARK™



The INFICON SHARK Vacuum Pump is designed for quick deep evacuation, simplified maintenance/repair, and durability. SHARK is a two-stage rotary vane pump, with 6 CFM rated displacement for ultimate vacuum down to 15 microns. The pump, with features such as a large oil capacity, gas ballast, internal oil pump, and fan, allow service technicians to make easier, more efficient service calls. The unique molded design of SHARK allows for easy carrying to the job while giving extraordinary durability.

Base unit includes Power cord, 1qt turbo oil T32.

| Mfg Part No | Air displacement (CFM) | Motor               | Warranty           | Weight (lbs) |
|-------------|------------------------|---------------------|--------------------|--------------|
| VNR-172-1   | 6                      | 1/3 HP AC; 1700 RPM | 1-year replacement | 24           |

#### Accessories

| Mfg Part No | Description                 |
|-------------|-----------------------------|
| 071-0730    | Turbo oil, T32 (6 qts/case) |
| 068-0391    | Power cord                  |

## Combustible Gas Leak Detector



### GAS-Mate™



Now there's a high-quality, economical and portable gas leak detector. GAS-Mate is perfect for checking leaks in residential and commercial combustion appliances, such as natural gas or propane fired heating systems, or gas pipelines. GAS-Mate uses leading-edge technology to detect hydrocarbons and other gases with *twice the sensitivity of competing models*.

As you can see, GAS-Mate is a precision instrument. With its rugged construction and high-impact case, GAS-Mate will stand up to plenty of real-world use. In fact, we double the standard one-year warranty time of other instruments with a full, two-year replacement warranty.

Base unit includes Sensor, two D-size alkaline batteries, and a hard plastic carrying case.

| Mfg Part No | Sensitivity to Methane | Adjustable Sensitivity | Power Source  | Warranty           |
|-------------|------------------------|------------------------|---|--------------------|
| 706-600-G1  | 5 ppm                  | Yes                    | 2 D-size alkaline batteries (use Duracell MN1300 to maintain intrinsically safe approval) | 2-year replacement |

#### Accessories

| Mfg Part No | Description  |
|-------------|--------------|
| 706-701-G1  | Storage case |
| 706-700-G1  | Sensor       |

## Ultrasonic Leak Detectors



### Whisper™



INFICON Whisper Ultrasonic Leak Detector is ideal for detecting and locating sources of ultrasonic sound through the use of a specialized receiver which detects frequencies in the 40.5 KH z range.

Many types of systems create ultrasonic frequencies when they are malfunctioning. For example, ultrasonic sound is generated by leaks of any gas under pressure or vacuum, or when electrical arcing, worn bearings and leaks in pneumatic systems occur. Through its sophisticated electronic circuitry, Whisper identifies the source of this ultrasound, making it a versatile tool which can be used in many applications. An Internal Noise Control ensures Whisper is unaffected by audible noise, making it possible to use in noisy environments such as mechanical rooms.

Whisper comes with headphones and a flexible rubber probe extension so you can pinpoint the ultrasonic source. You can also use Whisper with optional ultrasonic transmitter to leak check enclosed spaces such as freezer cases or vehicles. With Whisper, not even a murmur will escape detection.

Base unit includes 9V battery, rubber probe extension, headphones and storage case.  
Controls On/Off switch Sensitivity: maximum / minimum knob

| Mfg Part No | Power Source            | Warranty           | Weight (oz) |
|-------------|-------------------------|--------------------|-------------|
| 711-202-G1  | One 9V alkaline battery | 2-year replacement | 9           |

#### Accessories

| Mfg Part No | Description            |
|-------------|------------------------|
| 711-600-G1  | Ultrasonic transmitter |
| 032-0404    | Headphones             |
| 711-701-G1  | Storage case           |

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| Middletown, NY | 845-733-5666 |               |              | Harrisburg, PA | 717-558-0828 | Williamsport, PA | 570-323-4606 |

**Manifold Gauge Sets**



The patented gauge movement in our manifold gauges delivers pulse/vibration free measuring and gauges that can withstand 2 1/2 times over pressure without damaging the gauges. The large, easy-to-read gauge face is available in several configurations for your most demanding HVAC/R and automotive applications. The manifold gauge sets come with a two year warranty, that's twice the warranty of any other manufacturer

| Mfg Part No  | Temperature Scal Ranges | Manifold Type                      | Gauge Protectors |
|--------------|-------------------------|------------------------------------|------------------|
| 710-602-G11A | R12, R134a Automotive   | Light Manifold Gauge Sets 2-Way    | Yes              |
| 710-602-G21  | R22, R134a, R404A       | Light Manifold Gauge Sets 2-Way    | Yes              |
| 710-602-G31  | R410A                   | Light Manifold Gauge Sets 2-Way    | Yes              |
| 710-602-G41  | R12, R22, R502          | Light Manifold Gauge Sets 2-Way    | Yes              |
| 710-602-G10A | R12, R134a Automotive   | Light Manifold Gauge Sets 2-Way    | No               |
| 710-602-G20  | R22, R134a, R404A       | Light Manifold Gauge Sets 2-Way    | No               |
| 710-602-G30  | R410A                   | Light Manifold Gauge Sets 2-Way    | No               |
| 710-602-G40  | R12, R22, R502          | Light Manifold Gauge Sets 2-Way    | No               |
| 710-612-G11A | R12, R134a Automotive   | Aluminum Manifold Gauge Sets 2-Way | Yes              |
| 710-612-G21  | R22, R134a, R404A       | Aluminum Manifold Gauge Sets 2-Way | Yes              |
| 710-612-G31  | R410A                   | Aluminum Manifold Gauge Sets 2-Way | Yes              |
| 710-612-G41  | R12, R22, R502          | Aluminum Manifold Gauge Sets 2-Way | Yes              |
| 710-612-G61  | R22, R410A              | Aluminum Manifold Gauge Sets 2-Way | Yes              |
| 710-614-G11A | R12, R134a Automotive   | Aluminum Manifold Gauge Sets 4-Way | Yes              |
| 710-614-G21  | R22, R134a, R404A       | Aluminum Manifold Gauge Sets 4-Way | Yes              |
| 710-614-G31  | R410A                   | Aluminum Manifold Gauge Sets 4-Way | Yes              |
| 710-614-G41  | R12, R22, R502          | Aluminum Manifold Gauge Sets 4-Way | Yes              |
| 710-614-G61  | R22, R410A              | Aluminum Manifold Gauge Sets 4-Way | Yes              |

**Our Legacy of Excellence...  
"Customer Satisfaction Guaranteed!"**

*Meier Supply Company, Inc. has a 50-year history of success based on our cornerstone value – "Customer Satisfaction Guaranteed!" Partnering with our customers, we lead the way in education, value, commitment, quality, performance and support.*

*There are three generations of the Meier family still involved in company operations, led by Frank A. Meier Jr. as President.*

*What first began in 1957 as a family business with one location, founded by Frank M. Meier and his son, Frank A. Meier Sr., has become a major Northeastern distribution company with more than 15 locations and over 100 employee-owners.*

*Meier Supply Company is recognized as an industry leader by national and international professional organizations such as HARDI, NATE, Key Wholesalers Group Associations, the Controls Group of North America (CGNA), RSES, ACCA and ASHRAE. In 2006, Meier Supply was recognized as one of Central New York's 50 fastest growing companies with the FAST TRACK 50 award.*

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