

absorbed by the refrigerant. This causes a decrease in the amount of infrared energy reaching the detector and a corresponding drop in the detector's temperature, which triggers the D-TEK Select to alarm. This whole process takes a fraction of a second.

By utilizing an optical filter with precise characteristics, INFICON has made D-TEK Select sensitive to all refrigerants, while eliminating false alarms. In addition, because there is no depletion of chemicals like in heated sensor detectors, the sensor will not be harmed by high refrigerant doses nor degrade over time. The detector recovery time is also immediate after the refrigerant clears the cell.

**SPECIFICATIONS**

Base unit includes	Infrared cell, NiMH battery, spare filters, 115 V (ac) wall charger, 12 V (dc) car charger, and a hard plastic carrying case.
Minimum sensitivity	0.10 oz. / yr. (3 g/a)
Controls	Power: on/off Sensitivity: high/low Manual zero setting
Power source	NiMH batteries (rechargeable), AC adapter
Battery life	6.5 hours
Charging options	<ul style="list-style-type: none"> <li>▪ 115 V (ac) wall charger</li> <li>▪ 12 V (dc) car charger</li> </ul>
Weight with battery	1.19 lb. (539 g)
Probe	Rubber-coated flexible metal, approx. 15 in. (38 cm) long
Certifications	CE Marking Power Safety and EMC. SAEJ1627, EN 14624:2012
Warranty	Two-year replacement

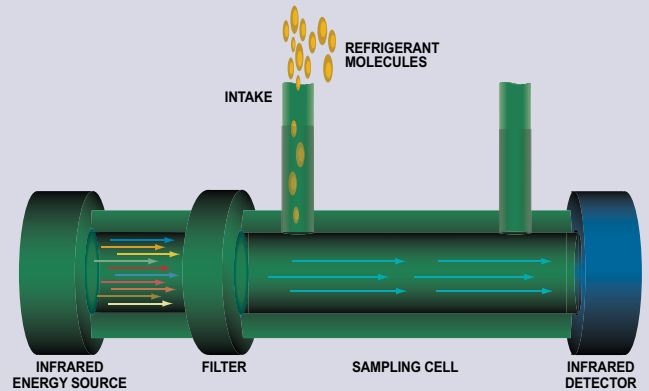
**ORDERING INFORMATION**

D-TEK Select (115 V)	712-202-G1
Headphones	032-0430
TEK-Check R134A reference leak	703-080-G10

**REPLACEMENT PARTS**

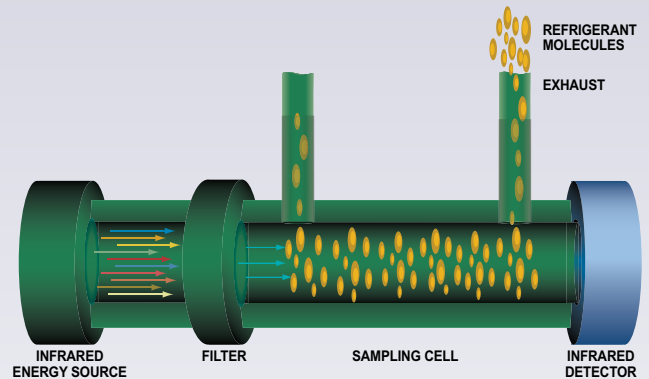
115 V (ac) wall charger	033-0019-G1
12 V (dc) car charger	703-055-P1
NiMH batteries	712-700-G1
Infrared cell	712-701-G1
Storage case	712-702-G1
Filter cap	712-705-G1
Filter cartridges	712-707-G1

**READY STATE**



The filtered infrared energy passes through the sampling cell, striking the infrared detector. D-TEK Select is ready to sense any refrigerant.

**ALARM STATE**



Filtered infrared energy is absorbed by the refrigerant present in the sampling cell, causing D-TEK Select to alarm.

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