



Mastercool[®] Inc.
"World Class Quality"

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55600-A *Black Series* INFRARED REFRIGERANT LEAK DETECTOR



SPECIFICATIONS:

- Sensor: UV spectrum absorption
- Sensor life: 10 years
- Alarm mode: visual and audible
- Display: high resolution bright TFT active matrix LCD
- Automatic shutdown: 10 minutes without operation
- Operating temperature: -10 to 52°C (14 to 125.6°F)
- Operating relative humidity: 50% to 85% RH
- Storage temperature: -20 to 60°C (-4 to 140°F)
- Probe length: 14.37"
- Battery: 3.78V 3000mAh lithium battery (rechargeable) (6 hours of detection)
- Weight: 15 oz.
- Size: 7.8 x 3 x 1.5"

A RELIABLE SOLUTION FOR FINDING SENSITIVE LEAKS

Mastercool's hand-held infrared refrigerant leak detector uses an infrared sensor to effectively identify halogenated gases. The ergonomic design and rugged construction provides effortless refrigerant leak detection all while allowing the technician to easily adjust sensitivity to adapt to different environments.

This superior IR (infrared) leak detector detects the refrigerant by scanning the area in a slow target scan mode. Moving the sensor back and forth until the alarm sounds; the IR sensor zeros out when held over a leak. This unit provides the same trigger conditions for all refrigerants which is an advantage over other technologies that work better for some refrigerants than others.

Packaged in a zippered carry case this kit includes the 55600-A infrared refrigerant leak detector, charging cable and replacement filters.



FEATURES:

- Innovative infrared sensor offers an extended sensor life of 10 years
- Easily select high, medium and low sensitivity levels with a maximum sensitivity up to 0.14 oz/yr
- Smart sensor technology allows for the selection of popular refrigerants such as R134a, R404a, R407C, R410A and R1234yf with a default setting (ALL REF) that detects all HFC's, HCFC's, CFC's, PFC's and HFO's
- Advanced TFT screen provides clear and easy readings using color graphics that show leakage, sensitivity, battery level and sensor fault indicators
- Auto-off function will automatically shut down the unit after 10 minutes
- Designed to meet EN14624, SAE1627, SAE2791 and SAE2913 standards

APPLICATIONS:

- Responds to all halogenated refrigerants including but not limited to: HFC's (R134a, R410A, R407C, R417A, R404A, R507, R23, R508B, R152a, R32) HCFC's (R22, R123, R124, R141b, R142b, R402A, R402B, R408, R409) CFC's (R11, R12, R13, R500, R502, R503) PFC's (PFC-14, PFC-116, PCF-218) HFO's (R1234yf)
- Responds to blends such as R410A and R407
- Detects SF-6 in high voltage circuit breakers
- Detects halogen gases in fire-extinguishing systems