



**Mastercool<sup>®</sup> Inc.**  
"World Class Quality"

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## 55745 ***Black Series*** INFRARED CO<sub>2</sub> LEAK DETECTOR



### SPECIFICATIONS:

- Sensor life: 40,000 hours
- Sensitivity:
  - High < 350 ppm at 350 ppm ambient
  - Low < 3500 ppm at 350 ppm ambient
- Alarm mode: visual and audible
- Display: high resolution bright TFT active matrix LCD
- Automatic shutdown: 10 minutes without operation
- Reset time: <3 seconds
- Warm-up time: 30 seconds
- Response time: <1 second
- Refrigerants: R744 (CO<sub>2</sub>)
- Battery: rechargeable (8 hours of detection)
- Storage temperature: -20 to 60°C (-4 to 140°F)
- Operating temperature: -10 to 52°C (14 to 125.6°F)
- Humidity: maximum 90% RH (non-condensing)
- Probe length: 14.37"
- Weight: 15 oz.
- Size: 7.8 x 3 x 1.5"

### EXTREMELY EFFECTIVE AT LOCATING CO<sub>2</sub> LEAKS

Mastercool's 55745 handheld CO<sub>2</sub> leak detector uses an advanced infrared sensor to effectively pinpoint R744 (CO<sub>2</sub>). The efficient design and rugged construction provides effortless leak detection all while allowing the technician to easily adjust sensitivity to adapt to different environments.

Packaged in a zippered carry case, this kit includes the 55745 infrared CO<sub>2</sub> leak detector, charging cable and replacement filters.

### FEATURES:

- Flexible probe is easy to use and extremely effective at locating difficult leaks
- Advanced infrared sensor with a sensor life of 40,000 hours
- Easily select high, medium and low sensitivity levels
- Advanced TFT screen provides clear and easy readings using color graphics that show leakage, sensitivity, battery level and sensor fault indicators
- Peak button indicates the maximum leak detected during measurements
- Auto-off function will automatically shut down the unit after 10 minutes
- Compliant to RoHS, SAE-J1627 and EN14624

