

RD99

Refrigerant gas leak detector



INTRODUCTION

The new refrigerant leak detector is a low cost effective way of detecting the smallest of refrigerant gases. The handheld unit detects environmentally damaging gases, including the latest CFC gases.

The unit has a two position sensitivity switch allowing the user to locate the smallest leaks. The **RD99** has a dual alarm system for leak finding. The increased tic rate sounds and a series of visual indicators illuminate as you approach the source of the leak. This visual indication makes the detection of leaks possible in noisy environments.

The **RD99** is battery powered and is ideal for use with domestic and commercial refrigeration systems, automotive and air conditioning systems.

- Detects all existing refrigerants which include HFC's, CFC's, SF6, R134A and R123
- High Sensitivity switch to locate the smallest of leaks
- Easy to use one handed operation
- Long gooseneck probe for hard to reach areas
- Audio and visual leak indicator
- Protective rubber sleeve houses gooseneck when not in use.

TECHNICAL FEATURES

Sensor:

5 gms per year 134A based on LS-20 leak standard
Response Time: <1 second. Advanced ionisation detection

Monitored gases:

CFCs - R11, R12, R13 etc
HCFCs - R22, R502, R500 etc
HFCs - R134A, R123, R125, R33 etc
R404, R407 C, R410a

Operation:

Turn the instrument ON by sliding the High/Low/OFF switch to either LOW or HIGH in a non-contaminated environment i.e. Fresh air
As concentration of gas increases the LED array will progressively move from flashing yellow, orange and red (highest).
The power light will be illuminated green when the unit is turned on. If the batteries are too low to operate the instrument this light will be RED.

Power Supply:

One 9V PP3 battery

Battery Life: Approx 8 hours

Probe Length: 400mm

Dimensions: 180mmH x 70mmW x 35mmD

Weight: 400gms

Duty Cycle: Continuous

Ambient

Conditions: 0-40°C, 0-80% RH (non-condensing)

