

D-Tek CO₂

Hand Held Leak Detector



The D-Tek CO₂ was the first hand held refrigerant leak detector designed specifically to detect carbon dioxide (R744), otherwise known as the “next generation” refrigerant.



The D-Tek CO₂ uses an innovative infrared absorption sensing cell which is extremely sensitive to carbon dioxide, yet its circuitry allows the instrument to equalise to the CO₂ present in the atmosphere, so there is minimal risk of false alarms. The D-Tek CO₂ maintains its sensitivity over time for consistent, accurate and reliable performance. Its specialised infrared sensor cell lasts up to 800 hours, reducing the overall cost of ownership.

Additional features to the hand held unit include a charging status indicator, sensor failure indication, sensor test mode and rechargeable NiMH battery.

Features at a Glance

- Low risk of false alarms; as the detector equalises to the CO₂ present in the air
- 800 hour infrared cell life offers a low ownership cost
- The infrared cell does not weaken over time; so response time remains consistent and accurate
- Will not react to smoke, humidity, airflow or temperature changes
- Quick response and quick clearing from high efficiency air sampling pump
- On board diagnostics indicate charging status and warn of low battery or cell failure
- NiMH power stick is environmentally friendly and provides greater charging capacity

TECHNICAL SPECIFICATIONS

Inclusions

Hard plastic carry case
NiMH power stick
12volt and 230volt adapter
Tip filters
Infrared cell

Suggested Applications

Medium to heavy duty
Industrial A/C and refrigeration

Sensor Technology

Infrared

Sensor Life

800 hours

Sensitivity

6g/yr

Leak Indicators

7 LED; variable intensity audible alarm

Power Source

Rechargeable NiMH battery

Battery Life

6.5 hours

Probe Type

Flexible metal

Probe length

43cm

Control Panel

Power: On/Off
Sensitivity: High/Low

Operating Temperature Range

0°C to + 50°C

Storage Temperature Range

-10°C to + 60°C

Charging Options

230volt AC adapter
12volt adapter with cigarette lighter plug

Weight with Power Stick

0.54kg

Certification

CE Marketing Power Safety
EMC

Manufacturer's Warranty: 12 months