

Qualichek 196



The Qualichek 196 is a general purpose leak detector that provides a cost-effective method of locating and measuring leaks in various components, subassemblies and systems using clean, environmental-friendly gases.

The Qualichek 196 is a portable electronic gas leak detector that locates and measures leaks quickly and precisely.

Ergonomic Design for Flexibility

The detachable probe allows access to difficult sites with the convenience of single hand operation. Control is from a membrane key pad. An audio facility aids the location of leaks and readings are taken from an easily interpreted LCD display.

Features/Benefits

- Readings can be interpreted "at a glance"
- Sensitivity automatically adjusts to leak rate
- Maximum leak rates recorded and displayed
- Display units to suit user specification
- Selection of preset sensitivity factors
- Extra security provided by leak master calibration
- Battery or 110/230 V operation

The Qualichek 196 offers high performance and operator convenience with:

- High sensitivity detection of gas or vapor leaks
- Clean, dry, positive location of leaks
- Suitable for laboratory and light plant use
- Leak rate measurements with calibration facility

Special Application Version

The Qualichek 196 Leak Detector is available in custom configurations for applications including the detection of leaks of specific gases.



Specifications

Model	Qualichek 196
Description	Portable electronic gas leak detector for locating and measuring leaks quickly and precisely
Sensitivity	He 1×10^{-5} , CO ₂ 1×10^{-4} , Ar 1×10^{-4} ml/sec
Detector	Micro volume thermal conductivity cell
Detects	Gases with a thermal conductivity different to air
Display Units	Selectable: cc/sec, cc/min, cu ft/min, ppm
Functions	Peak hold, zero, calibrate, gas type, nozzle type
Response Time	1 second
Recovery Time	1 second
Audio	Fixed volume, variable frequency audio output
Diagnostics	Battery low indication Detector cell failure alarm
Operating Time	Maximum 9 hours from dry cell
Batteries	One PP3 dry cell or rechargeable battery
Recharging Time	19 hours from total discharge
Battery Charger/Power Supply	115 or 230 V, 50/60 Hz
Carrying Case Dimensions (h x w x d)	8.5 x 26 x 36 cm (3 x 10 x 14 in)
Weight	440 g (1lb) (hand unit) 1.5 kg (3.3 lb) (total including case)
Manufacturing Standards	To ISO 9001:2000 Certified to CE requirements

Due to a program of continuous development, specifications may be changed without notice.

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