

The logo icon for Qualichek 200 consists of two overlapping diamond shapes, one dark green and one light green, forming a stylized 'Q' or 'K' shape.

Qualichek 200



The Qualichek 200 is the ultimate in instrumentation for high-sensitivity trace gas leak detection. It is designed to locate and quantify leaks in industrial, military and laboratory applications.

Qualichek 200

- Portable and easy to use
- Responds to SF₆, refrigerants and other electron capturing compounds
- Fast response and recovery
- Locates position of leaks
- Quantifies the leak rate
- Displays leak rate or concentration
- Measurement storage facility

The Qualichek 200 is a portable instrument, supplied in a carrying case holding the power supply and electronics, a small cylinder of compressed argon gas, and the main display panel. The detector is mounted in a hand-held probe, attached to the main unit by a 10 ft (3.5 meter) umbilical connection. A display panel is mounted in the hand probe enabling the operator to monitor measurements even when working in difficult locations.

The instrument is extremely easy to use, and provides highly accurate leak rate measurements. The response is instantaneous with quick recovery from exposure to high concentrations of trace gas.

Qualichek 200 Facilities

- Adjustable audible alarm, activated when user's set leak rate limit is exceeded
- Factory calibrated for SF₆
- Simple user recalibration facility
- Diagnostic menu identifies fault conditions



Specifications

Model	Qualichek 200
Description	Ultra high sensitivity trace gas leak detector for accurately locating and quantifying leaks
Leak Rate	1 x 10 ⁻⁹ ml/s SF ₆ (With optional capillary inlet, 1 x 10 ⁻¹⁰ ml/s SF ₆)
Concentration Sensitivity	0.01 ppm
Dimensions (h x w x d)	Case: 43 x 40 x 23 cm (17 x 16 x 9 in)
Weight	Hand held probe: 0.9 Kg (2.0 lbs)
Output	RS232 interface port Analogue 0-2 V
Sensor	Electron capture (red)
Display	Alpha numeric VFD
Response	1 sec (85% of reading)
Detects	SF ₆ and other electron capturing compounds
Options	Calibrated leaks Argon gas filling valve assembly
Operating Time From Battery	10 hours
Applications	Helicopter rotor blades High-voltage switchgear Approved for ASHRAE 110 Gas delivery systems Torpedo heads Testing fire extinguishers Building ventilation rate studies Checking hazardous materials Storage vessels
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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