

# SF6 LEAK DETECTOR

## AWARD-WINNING LEAK DETECTION USING SF6 GAS



The GasCheck SF6 is designed for the location, leak testing and measurement of SF6 gas in high voltage switchgear. This instrument has none of the problems of registration, storage and transportation typically associated with instruments based on a radioactive source ECD principle. This instrument meets the demands for quality and traceability to International standards as required by today's industry.

### FEATURES

- Smart sensor technology, detachable probe
- Display units cc/sec, gm/yr and ppm
- Touch screen with help menus
- Lightweight 3 button hand gun
- Data storage and printing
- Transit: Compact steel transit case for export shipping
- Up to 15 m (50 ft) "plug in" extensions available as options, enabling increased freedom for roaming with hand held probe.
- Flexible probes for leak searching in confined spaces.

### BENEFITS

- No radioactive detector
- No argon or other pressurized gases required
- No training required, switch ON and go
- Large leaks present no contamination problem
- 10 hours battery use before recharging
- High sensitivity
- Standby mode if unused for 5 minutes (selectable)

### APPLICATIONS

- Glove boxes using a dilute sulfur hexafluoride trace gas, and checking externally for leaks.
- Leak integrity assurance to ultra low levels on equipment containing sulfur hexafluoride and (H)CFCs in medical, refrigeration and air conditioning units.
- High voltage switchgear.

### PRODUCT SPECIFICATIONS

<b>PART NUMBER</b>	LHHL-SF6, LHHL-SF6X
<b>DETECTOR PRINCIPLE</b>	Negative Ion Capture (NIC) operating in partial vacuum
<b>USABLE SENSITIVITY</b>	1x10 <sup>-7</sup> cc/sec, 1 ppm, 0.2 gm/yr
<b>RESPONSE TIME</b>	<1 sec. Cleardown also <1 sec
<b>POWER SUPPLY</b>	Self-seeking AC supply of 85-265 V
<b>HANDGUN</b>	563 g or 1.25 lb
<b>CONSOLE DIMENSIONS</b>	340 mm x 350 mm x 170 mm (depth) or 13.5" x 14" x 7"
<b>CONSOLE WEIGHT</b>	10.4 kg or 23 lb
<b>PRINTER INTERFACE:</b>	Standard 9 pin serial for printer or computer
<b>CABLE LENGTH</b>	Standard 5 m, extension to 15 m
<b>CALIBRATION</b>	Using a Portable Reference Leak which is in turn calibrated to ISO 9000 using standards which are themselves calibrated by UKAS (NAMAS) or, NIST laboratories