The SF6 GasCheck 6000 leak detector is an ideal, low cost device for mobile SF6 leak detection.

In practical use, it has a detection threshold of $1 \times 10^{-6}$ mbar l/s, which makes it perfectly suitable for simple leak detection applications of SF6 switchgear.

Not only is it easy to use and maintain, the processor controlled instrument also features both an audible alarm and LED bar graph display, letting you know if any leak, small medium or large, has been detected.

The SF6 GasCheck 6000 automatically compensates all ambient influences including temperature changes or movement of air in the room.

You can be sure of accurate results with Intelligent control, which sets up the instrument appropriately for the current ambient conditions.

The ‘Auto Shift’ function The featured ‘Auto Shift’ function compensates for any SF6 concentration that may be present at the measuring site, e.g. caused by previously escaped leakage gas.

SF6 GasCheck 6000 automatically detects the highest present gas concentrations, and selects the corresponding measuring range. It then uses the present gas concentration as its zero line, and begins to look for even higher gas concentrations.

When a leak is approached it will be indicated both audibly and visually, thus enabling the user to determine leaks in an already seriously contaminated area.

It can be helpful in the assessment of large leaks to get an idea of a component’s leak tightness, before the much more sensitive SF6 LeakCheck P1:p must be used.

KEY FEATURES

- Fast, accurate leak detection
- Easy to use
- Portable
- Low cost operation
- Automatic range shifting
- Simple solution for SF6 switchgear leaks
- Audible alarm and LED bar graph display
- Detects small to large leaks
- Automatic compensation to ambient conditions
- Detects leaks in serious contaminated areas
- Intelligent control system
SF6 GASCHECK 6000

COMPLETE KIT INCLUDES

- SF6 GasCheck 6000 leak detector
- Hard carry case
- Sensor protective cap
- Water vapour filter
- User manual
- Calibration certificate

For more information, please contact our friendly Sales team

SPECIFICATIONS

Specifications subject to change without notice

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Size</td>
<td>23 x 7.5 x 30 cm / 9” x 2.9” x 11.8” in. (including carry case)</td>
</tr>
<tr>
<td>Weight</td>
<td>1.16kg / 2.5lbs including accessories</td>
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<tr>
<td>Display</td>
<td>8 position LED bar</td>
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<tr>
<td>Audio</td>
<td>Sound pitch proportionally follows leak rate</td>
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<tr>
<td>Gas measuring principle</td>
<td>High voltage ionisation</td>
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<tr>
<td>Sensitivity</td>
<td>1 x 10−6 mbar l/s for SF6</td>
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<tr>
<td>Response time</td>
<td>Approximately 1 second</td>
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<tr>
<td>Operating Temperature</td>
<td>-20° to +60°C / -4° to 122°F</td>
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<tr>
<td>Sniffing Probe</td>
<td>385mm flexible pipe</td>
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<tr>
<td>EMC Rating</td>
<td>CE Declaration of conformity</td>
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<td>Part number</td>
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