

SF₆ LEAKMATE

Low cost SF₆ leak detector

The SF₆ Leakmate is an easy to use cost effective leak detector with selectable sensitivity and automatic zero

The SF₆ LEAKMATE leak detector is a great device for mobile SF₆ leak detection. In practical use, it has a detection threshold of 1×10^{-6} mbar l/s, which makes it perfectly suitable for simple leak detection applications on SF₆ switchgear.

The easy to use, processor controlled instrument features both an audible alarm and an LED bar graph display, allowing estimation if a small, medium or big leak is being detected.

The leak detector automatically compensates all ambient influences like temperature changes or movement of air in the room. Intelligent control sets up the instrument appropriately for the ambient situation.

It then uses the present gas concentration as its zero line and begins to look for even higher gas concentrations, which by all means occur when a leak is approached. This will again be indicated audibly and visually. It is possible to determine leaks even in seriously contaminated areas.

APPLICATIONS

- Leak detection on SF₆ switchgear
- Service and maintenance in SF₆ switchgear production
- Mobile leak detection on test equipment for differential pressure, mass flow, etc

KEY FEATURES

- Cost effective
- Easy to use
- Leakrates down to 1×10^{-6} cc/s
- Selectable sensitivity
- Automatic zero
- Battery test display
- Audio alarm



SF6 LEAK MATE

SPECIFICATIONS Specifications subject to change without notice

Detector	High voltage ionisation
Sensitivity	1 x 10E-6 mbar l,s for SF ₆
Response Time	Approx. 1 s
Audio	Sound pitch proportionally follows leak rate
Display	7 position LED bar graph
Sniffing Probe	355 mm flexible pipe
Operating Temperature Range	- 20 °C to 50 °C
EMC Rating	CE declaration of conformity
Dimensions	330 x 280 x 125 including transport case
Weight	2100g including accessories



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