

PORTABLE GAS MONITORS

PORTABLE SF6 SOLID STATE & NDIR BASED GAS LEAK DETECTOR



MX - 51 (SF6) GAS LEAK DETECTOR

ENDEE presents this SF6 Leak Detector as the most stable and sensitive wavelength NDIR and Solid state sensor based SF6 leak detector.

An advanced micro-controller is the heart of this unit. Its digital signal processing capability permits better management of the circuitry.

SF6 has reduced components, enhance reliability and performance.

The micro-controller analyzes the sample and voltage, compensates for even the most minor fluctuations in signal.

This translates into a stable and dependable tool in almost any environment. Convenience features like large graphic display have been incorporated to enhance the usability of the SF6. Display show a progressive and wide ranging leak size indication, communicates the sensitivity level, and provide a true indication.

SPECIAL FEATURES

- Automatic operation, moisture / vapour immunity
- Self diagnostic check, proven sensor technology
- Free from Induced Voltage effects
- Continuous, stable alphanumeric readout
- Long life rechargeable batteries
- Data logging and Rs 232 output capability

APPLICATIONS

- Detects leaks in high voltage transformers, SF6 circuit breakers, high voltage switchgears radar waveguides, etc.
- Locates SF6 leaks in compressed air, gases and vacuum systems.
- Detects SF6 leaks in refrigeration and air conditioning system

SPECIFICATIONS

Type	: Portable
Sensor	: Solid state, Non-Dispersive Infra Red Sensor
Detectable gases / parameters	: Sulfur Hexa-Fluoride (SF6)
Electronics / processor	: Micro-controller Based
Power supply	: Lithium-Ion Rechargeable Battery with Charger
Display	: Graphic LCD
Alarm	: Audio / Visual
Digital Output	: Data logger
Range	: 0 - 2000 PPM
Accuracy	: $\pm 2 \%$
Minimum sensitivity	: 1 PPM
Response time (t90)	: Immediate i.e approx. 20s (@ 0.5 l/min)
Operating temperature	: -10°C to +50°C
Storage temperature	: -20°C to +60°C
Sampling	: Auto-suction
Housing	: Plastic
Included accessories	: Batteries, Battery charger/adaptor, Manual
IP Rating	: IP 65
Resolution	: 0.1 PPM
Warm-up time (Start-up)	: < 30 seconds
External dimension	: 225 * 106 * 40 mm approximately
Weight	: Approx. 500 gm (with battery)

*Note : Images shown are indicative only. Specifications and Features will vary with application. There may be changes overtime due to continuous development process.
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