

# Handheld SF6 Leak Detector

**emt**  
Experts in ultrafast SF6  
gas analysis and handling



The EMT Handheld SF6 leak detector utilises innovative infra-red measurement technology enabling detection of the smallest SF6 leaks

The leakage of SF6 gases from GIS, switchgear and other compartments is a global issue.

SF6 Gas Leaks present a major problem to utility companies:

- Reducing plant efficiency, causing damage to assets or outages
- Costing money through fines or legislative punishments

The EMT handheld SF6 leak detector allows quick and reliable identification of SF6 leaks enabling utilities to:

- Reduce the rate of SF6 loss
- Comply to regulations
- Reduce costs associated with gas usage and topping up
- Reduce costs associated with regulatory body fines
- Reduce the utilities CO2 footprint.

## Features

- Lightweight and portable for ease of use
- Utilises IR technology for gas specific leak detection
- IR sensor ensures sensitivity will not degrade over time
- Market leading 1000hr sensor life for low cost of ownership
- High-efficiency air sampling pump provides quick response and quick clearing ("zeroing")
- Infrared cell cannot be overloaded or "poisoned" by exposure to large amounts of SF6
- On-board diagnostics indicate charging status and warn of low battery or infrared cell failure



For more information or a demonstration contact [sales@emt.global](mailto:sales@emt.global) or visit [www.emt.global](http://www.emt.global)

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## Technical Specification

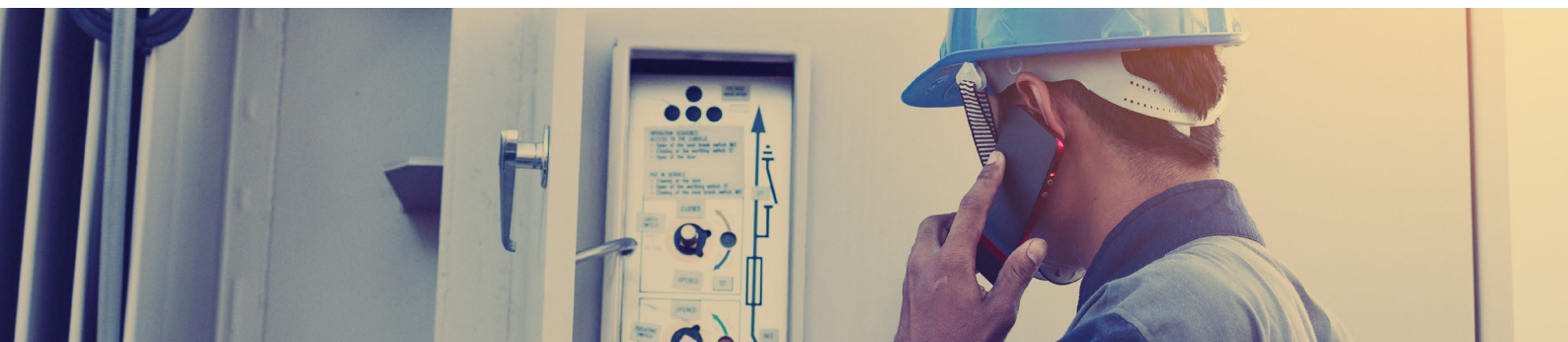
<b>Minimum sensitivity to SF6</b>	3g/Yr (0.1 oz/yr)
<b>Power Source</b>	NiMH batteries (rechargeable), Can operate whilst charging
<b>Battery Life</b>	6.5hrs
<b>Operating &amp; charging temperature range*</b>	0°C to +50°C (+32°F to 122°F)
<b>Operating humidity range</b>	Up to 95% RH (Non-condensing)
<b>Weight (with batteries)</b>	0.53Kg (1.19lb)
<b>Probe length</b>	38cm (5 inches)
<b>Certifications</b>	CE & EMC Certification, SAEJ2791, SAEJ2913, EN14624:2012, A2L certified
<b>Optional accessories</b>	Headphones, Premium headphones

\* May be operated for a limited time in lower temperature environments



The EMT handheld SF6 leak detector is supplied in kit format which includes:

- Handheld SF6 Leak Detector
- Multi-region AC Power Supply
- Pk of 5 spare filters
- 12V DC In-car charger
- Robust plastic carrying case



For details of your local EMT distributor, for further information on our products or to request a demonstration please contact us:

**Energy Maintenance Technologies Ltd** | Unit 7 Marston Business Park | Lower Hazeldines | Marston Moretaine  
| Bedfordshire | MK43 0XT | United Kingdom | Email: [sales@emt.global](mailto:sales@emt.global) | [www.emt.global](http://www.emt.global)



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