

Asserolyz-IR Handheld SF6 Analyser



The Asserolyz-IR handheld, multi-parameter SF6 gas analyser, brings laboratory performance to the field.

Switchgear, GIS and other compartments housing SF6 require a specific purity of SF6 to ensure optimal operation and to ensure full quenching of discharges.

The EMT Asserolyz-IR is designed to provide operators quick, accurate and reliable analysis of SF6 gas for the following applications:

- Ensuring SF6 purity and concentration is inline with OEM guidelines for safe and efficient use of the asset
- Detecting and measuring SF6 breakdown/decomposition contaminants
- Ensuring safety and wellbeing of operators working with SF6 and its breakdown byproducts

Armed with this data, utilities have a greater understanding of the current and potential long-term condition of their assets.

Reliable analysis allows utilities to better plan maintenance schedules to ensure reduced downtime and unplanned outages.

Features

- Accurate, stable and repeatable readings
- Lightest instrument in the market at 1.8Kg (4lb)
- Up to 8 gases measured simultaneously
- Easy to use – 1 button operation
- ppm SF6 Leak detection option
- Interference free IR sensing technology
- Lower life time costs due to reduced service requirements from IR technology
- Less SF6 wastage – less than 1Ltr gas used

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Technical Specification

Gases Measured and Options	Gas	Range	Repeatability
	SF6 Purity	60-100%	+/-0.5% FS ¹
	Dewpoint	-60 - 20°C	+/-0.5°C at -30°C
	HF	0-200ppm	+/-5% FS ¹
	S02 Hi	0-500ppm	+/-2% FS ¹
	CF4 Lo	0-4000ppm	+/-2% FS ¹
	CF4 Hi	0-60%	+/-1% FS ¹
	CO	0-1000ppm	+/-5% FS ¹
	H2S	0-100ppm	+/-5% FS ¹
	R12	0-250ppm	3% of FS ¹
	AIR	0-50%	1% of FS ¹

Physical Specification	570mm (22.4") x 250mm (9.8") x 90mm (3.5") 1.5KG (<4lbs)
Power Supply	90-240VAC (50/60Hz) Input Li-Ion Rechargeable battery >8hr operation
Screen	4.3" LCD Touchscreen Interface
Datalogging	>1000 sample results (exportable as .CSV file)
Input Gas Pressure	Max 10Bar
Operating Condition	-20°C to 40°C (-4°F to 104°F)
SF6 Leak Option	Detection limit 3gm/year
Optional Accessories Include	Shoulder harness, robust flight carry case, gas collection bags for waste gas



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

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