

# emt asserolyz<sup>IR</sup> SF<sub>6</sub> analyser

**Bringing Laboratory SF<sub>6</sub> analysis to the field**

*from the world leaders in SF<sub>6</sub> analysis and handling*



Asserolyz-IR... The world's 1st multi parameter SF6 high performance Infra Red SF6 gas Analyser... Bringing the Laboratory to the field!.. High performance portable SF6 measurements... remotely.

EMT, world leaders in SF6 handling and analysis are pleased to announce the launch of the world's 1st multi parameter infra red SF6 analyser, The asserolyz-IR brings interference free laboratory performance to the field.

Weighing 1.8 kg (<4 lb) the asserolyz-IR is the lightest and most portable SF6 analyser in the world.

Measuring from 3 to 8 gases simultaneously including operating as a ppm SF6 leak detector, the asserolyz-IR truly is the most advanced SF6 analyser in the world today.

## Benefits

- Most accurate, stable and repeatable readings obtainable in the market
- Smallest amount of gas used
- Fastest readings
- Most comprehensive analysis
- No cross interference
- No contamination
- No drift
- Lightest instrument in the market
- The lightest - weight = 1.8 kg (<4 lb)
- The best - up to 8 parameters at the same time
- The easiest to use - 1 button operation
- The most accurate - outperforms any SF6 gas analyser
- Highest specification - leak detection option
- Less SF6 waste - less than 1 litre used
- Interference free - IR is specific



## 3, 6 or 8 gases measured simultaneously! Plus leak detection!

### Specifications

#### 3 gas asserolyz-IR:

- **SF6 Purity** Range: 0-100% vol, accuracy: +/-0.5% from measuring range
- **Dew Point** Range: -60 to +20°C, accuracy: +/-0.5°C at -30°C
- **SO2** Range: 0-150ppm, accuracy: +/-2% from measuring range

**PLUS** leak detection ppm option

#### 6 gas asserolyz-IR:

- **SF6 Purity** Range: 0-100% vol, accuracy: +/-0.5% from measuring range
- **Dew Point** Range: -60 to +20°C, accuracy: +/-0.5°C at -30°C
- **SO2** Range: 0-150ppm, accuracy: +/-2% from measuring range
- **HF** Range: 0-200ppm, accuracy: +/-5% from measuring range
- **CF4** Range: 0-65% vol accuracy: +/-1% from measuring range
- **AIR** 0-50% vol accuracy: +/-1% from measuring range

**PLUS** leak detection ppm option

#### 8 gas asserolyz-IR:

- **SF6 Purity** Range: 0-100% vol, accuracy: +/-0.5% from measuring range
- **Dew Point** Range: -60 to +20°C, accuracy: +/-0.5°C at -30°C
- **SO2** Range: 0-150ppm, accuracy: +/-2% from measuring range
- **HF** Range: 0-200ppm, accuracy: +/-5% from measuring range
- **CF4** Range: 0-65% vol accuracy: +/-1% from measuring range
- **AIR** 0-50% vol accuracy: +/-1% from measuring range
- **CO** Range: 0-1000ppm, accuracy: +/-5% from measuring range
- **H2S** Range: 0-100ppm, accuracy: +/-5% from measuring range

**PLUS** leak detection ppm option

- Advanced User Interface: 4.3 inch touchscreen LCD
- Operating Temperature Range: -20 to +40°C
- Ambient pressure range: 800-1200 mbar
- Input gas pressure: up to 10bar
- Data Logging: more than 1000 sample results
- Optional PC communication software
- 3 User selectable methods (CIGRE/IEC/ASTM)
- 3 Custom methods
- USB Communication data download
- Lithium Ion Rechargeable battery
- Operating time: 8 hours minimum
- Battery Charger with 90-240VAC input
- Optional Shoulder Carry Harness : increased portability
- Packaging: Robust carry case
- Dimensions:- 570mm (22.4") x 250mm (9.8") x 90mm (3.5")
- Instrument Weight: 1.8 kg (<4 lbs)

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Energy Maintenance Technologies Ltd  
Church End, Markyate, Hertfordshire, AL3 8PY

Please contact EMT personnel now on  
Tel: + 44 (0) 7535 900214 Tel: +44 (0) 7979 527292  
EMT Americas: Tel: (1) 678-654-6595  
Email: [enquiries@emt.uk.com](mailto:enquiries@emt.uk.com)  
[www.emt.uk.com](http://www.emt.uk.com) or [www.emtamericas.com](http://www.emtamericas.com)

