

IR zerowaste[®] SF6 Analyser

The most advanced automatic
SF6 zerowaste analyser
on the planet

By EMT ... World leaders in SF6 Analysers



Features of the new EMT assero IR zerowaste SF6 Analyser

- Auto Operation: connect and walk away!**
 Connect to the Circuit Breaker and the zerowaste automatically samples the SF6 gas, by detecting when gas is connected (by sensing the inlet gas pressure) and starting the preselected number of cycles automatically then pumping the gas back after the analysis.
- Safe Distance Working:**
 The zerowaste allows a safe working distance for the user. Once started, the unit will wait for 2 minutes before commencing the analysis, automatically.
- Multi Analysis Operation:**
 The user can select up to 5 cycles to run on the same sample. In fully automatic mode, the instrument will run the selected number of cycles then pump the gas back at the end. The user will then be able to view and save the results for the number of measurements taken.
- The most accurate- laboratory quality analysis in a portable analyser. 8 hours battery operation
- Fully compliant with all current IEC and Cigre Methods
- Pre set IEC and Cigre Methods - Plus 3 custom methods
- Smallest amount of SF6 Gas Sample - Only uses 250cc's of SF6 - suitable for low voltage breakers
- Works at very low pressures:- 0.1 Bar up to 10 Bar
- Built in pressure regulation and measurement.
- The lightest "Pump Back" SF6 analyser - only 15kg / 33lbs
- The fastest analyser - 5 minutes per cycle
- Multi Sensor - Hi/Lo ppm Technology (SO2).



zerowaste portable



Home Screen



Up to 5 measurement cycles



Manual or auto SF6 pump back

IR zerowaste Technical Specifications

PART NO. IRZW

Sensor & Gases / Ranges:

Up to 10 gases- user selectable- IR1 to IR10:

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 Low Range: 0-20ppm, accuracy: +/-2% from measuring range

SO2 High 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

R12 (push gas) Range: 0-250ppm, accuracy: +/-5% from measuring range

- Leak Detection Probe Option- ppm/gms per year.
- USB data download:- up to 1000 sample results asserolyz-IR dataman intuitive software.
- The only Fully Portable IR zerowaste SF6 analyser: AC or Battery operated, even during gas recycling.
- Light and Robust:- Housed in a robust IP67case with wheels, retracting handle, pockets for hoses and spare parts.
- Gas Storage for up to 5 normal sampling cycles - excellent to check reproducibility and performance.
- Inlet auto gas pressure sensing.- For auto analysis.

Electrical specification

Power Supply

Battery operation: - 8 hours continuous operation

Charger Supply: - 24V DC

AC Supply: - 110-240V AC

Weight

15 Kg or 33 lbs (Case 8 Kg or 17.6 lbs)

Case Dimensions

500 x 305 x457 mm
(19.6" x 12" x 18")

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MKT-004

