



GDFJ-II SF₆ Gas decomposition products analyzer



Product Description

GDSF-II SF₆ Gas Composite Analyzers can test humidity, decomposition products, purity of SF₆ gas, which can finish two items detection in one on-site measurement, saving gas in the equipment.

Features

- Color LCD display, real-time show kinds of parameters.
- Large information storage.
- Built-in rechargeable battery, AC/DC power available.
- Automatic zero calibration.
- Long life thermal sensors with temperature compensation.
- Built-in pressure maintaining value and electronic flowmeter.

- Stable and accurate, no influence by environmental temperature.
- Measurement data print.
- Measurement data storage.
- Intelligently display electricity quantity.
- Support data communication.
- Self-diagnostic function.
- Graphical Menu.
- Data Management System Software.
- Anti-oil, anti-drift.
- Small size, easy to operate.

Specifications

SF₆ Humidity

- Measuring range: dew point -100 ~ +30 °C (support ppmv, etc.)
- Dew point accuracy: ± 0.5 °C (when the dew point temperature is below 0 °C, the sensor output is the frost point)
- Response time: 63% [90%]
+20→-20°C Td 5s[45s]
-20→-60°C Td 10s[240s]
- Resolution: dew point 0.1°C or 0.1ppm
- Repeatability: ± 0.5 °C;
- Gas flow: 0.8-0.9L/min.
- Pressure measurement: 0-1.0Mpa
- Probe protection: stainless steel sintering filter

SF₆ Purity

- Measuring range: 0 ~ 100% SF₆.
- Accuracy and repeatability: ± 0.5%, nothing to do with the flow.

SF₆ decomposition products

- H₂S: 1 ~ 200ppm (standard).
- SO₂: 1 ~ 100ppm (standard).
- Sensitivity: 0.5ppm.
- Gas flow: 0.5±0.1L/min.
- Power supply: 220VAC±10%, 60Hz, AC/DC use, with over-charge protection, working time no less than 5 hours
- Storage temperature: -40--+70°C
- Operation temperature: -30--+60°C
- Pressure: 0-20bar
- Dimension: 132*283*308mm
- Weight: about 4.3kg