

HF-WC-621

SF6 Decomposition Product Analyzer



This portable SF6 Decomposition Product Analyzer accurately measures key decomposed gases including SO₂, H₂S and CO inside gas-insulated high voltage equipment. It helps technicians discover early internal faults of GIS and circuit breakers, widely adopted for routine maintenance and fault diagnosis in power substations worldwide.

Key features

- Gas Measuring Range & Sensitivity
- Sampling Configuration: Built-in pressure regulator, filter and flowmeter; equipped with 3.6m sampling tube and one pressure reducing valve connector
- Operating Temperature: -20°C ~ 50°C
- Power Supply: 220VAC±10%, 50Hz, AC/DC dual-purpose; with overcharge protection, continuous working duration ≥ 10 hours
- Display: Large graphic LCD screen, resolution up to 0.1% for SF6 measurement

Technical specifications

Parameter	Value
Response Time	45 seconds
Sampling Configuration	Built-in pressure regulator, filter and flowmeter; equipped with 3.6m sampling tube and one pressure reducing valve connector
Operating Temperature	-20°C ~ 50°C
Power Supply	220VAC±10%, 50Hz, AC/DC dual-purpose; with overcharge protection, continuous working duration ≥ 10 hours
Display	Large graphic LCD screen, resolution up to 0.1% for SF6 measurement
Dimensions	258mm × 240mm × 88mm
Weight	Approx. 2.4 kg
Output Interface	USB 2.0
Sampling Flow Rate	0.01~1 L/min

Standard scope of supply

No.	Item	Qty	Notes
1	Set	1 Set	
1	Pc	1 Pc	
1	Pc	1 Pc	
1	Pc	1 Pc	
1	Pc	1 Pc	
1	Pc	1 Pc	
1	Pc	1 Pc	
1	Pc	1 Pc	
1	Pc	1 Pc	
1	Pc	1 Pc	

Compliance and documents

Applicable standards	[TO BE CONFIRMED] standard applied to this model
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Calibration certificate	[TO BE CONFIRMED]
Optional accessories	[TO BE CONFIRMED]

Warranty and support

12-month warranty on every exported instrument. English operation manual and remote video guidance at commissioning. T/T, L/C at sight and deposit terms for bulk orders; sea, air or rail shipping.