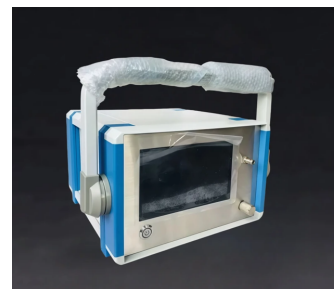


HF-WC-640

SF6 Gas Analyzer



SF6 Gas Analyzer measures multiple key parameters of SF6 gas. It is used for regular quality inspection and performance evaluation of GIS, circuit breakers and other high-voltage SF6 power equipment.

Technical specifications

Parameter	Value
Purity	Measuring range: 0%~100% Accuracy: $\pm 0.5\%$ Measuring time: < 2 min
Dew Point	Measuring range: $-80\text{ }^{\circ}\text{C} \sim +20\text{ }^{\circ}\text{C}$ Accuracy: $\pm 0.5\text{ }^{\circ}\text{C}$ ($-80\text{ }^{\circ}\text{C} \sim -60\text{ }^{\circ}\text{C}$) Response time: ($-60\text{ }^{\circ}\text{C} \sim +20\text{ }^{\circ}\text{C}$): 63% within 5s, 90% within 45s ($+20\text{ }^{\circ}\text{C} \sim -60\text{ }^{\circ}\text{C}$): 63% within 10s, 90% within 240s
H ₂ S	Measuring range: 0~200 ppm Minimum detectable limit: ≤ 0.1 ppm Accuracy: $\pm 0.5\%$ Stability: 0~200 ppm Repeatability: $\leq 2\%$
SO ₂	Measuring range: 0~200 ppm Minimum detectable limit: ≤ 0.1 ppm Accuracy: $\pm 0.5\%$ Stability: 0~200 ppm Repeatability: $\leq 2\%$
CO	Measuring range: 0~1000 ppm Minimum detectable limit: ≤ 1 ppm Accuracy: $\pm 0.5\%$ Stability: 0~1000 ppm Repeatability: $\leq 2\%$
HF (Optional)	Measuring range: 0~20 ppm Minimum detectable limit: ≤ 0.01 ppm Accuracy: $\pm 0.5\%$ Stability: 0~20 ppm Repeatability: $\leq 2\%$
Ambient Temperature	$-40\text{ }^{\circ}\text{C} \sim +60\text{ }^{\circ}\text{C}$
Ambient Humidity	0 ~ 100% RH
Power Supply	AC 100-240V 50/60Hz Built-in rechargeable battery
Battery Performance	Charging time: 10 hours; Continuous working time ≥ 12 hours
Operating Temperature	$-30\text{ }^{\circ}\text{C} \sim +70\text{ }^{\circ}\text{C}$
Dimensions	250×230×300 mm
Weight	6.8 kg

Compliance and documents

Applicable standards	[TO BE CONFIRMED] standard applied to this model
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.