

Wuhan HTZH-2H SF6 Synthesized Tester



I. Introduction

SF6 synthesized tester integrates SF6 micro- water detector, SF6 purity tester, and SF6 decomposition analyzer as one. One time field measurement can complete the three detections, greatly save the gas in the device, which can save 2/3 of gas usage, while reduce the user's workload and improve work efficiency.

II. Features

1. Fast and save gas: after startup into the measuring state, the measuring time of dew point is about 5min; the measuring time of SF6 purity and SF6 decomposer is about 2min;
2. Self-lock joint: use the self-lock joint imported from German, safe and reliable, without gas leakage.
3. Data storage: high capacity, can store 200 groups test results at the most.
4. Curve function: Large-screen curve display the process of dewpoint measurement
5. Clearly display: the dew point, micro-water (ppm), SF6 purity, SO₂, H₂S, CO and HF content, and temperature, humidity, time and date, etc, are displayed by LCD.
6. Built-in power supply: built-in 4Ah chargeable lithium battery, filled one time, can work for 10 hours.

III. Parameters

Purity	Measuring range : 0%~100%	
	Accuracy : ±0.5%	
	Measuring time : < 2min	
Dew point	Measuring range : -80°C~+20°C	
	Accuracy : ±0.5°C (-80°C~-60°C)	
	Response time (+20°C)	63% need 5S, 90% need 45S (-60°C~+20°C) 63% need 10S, 90% need 240S (+20°C~-60°C)

H ₂ S	Measuring range : 0~200ppm
	The minimum detectable amount : ≤0.1ppm
	Accuracy : ±0.5%
	Stability : 0~200ppm
SO ₂	Repeatability : ≤2%
	Measuring range : 0~200ppm
	The minimum detectable amount : ≤0.1ppm
	Accuracy : ±0.5%
HF(optional)	Stability : 0~200ppm
	Repeatability : ≤2%
	Measuring range : 0~20ppm
	The minimum detectable amount : ≤0.01ppm
CO(optional)	Accuracy : ±0.5%
	Stability : 0~20ppm
	Repeatability : ≤2%
	Measuring range : 0~1000ppm
Temperature	The minimum detectable amount : ≤1ppm
	Accuracy : ±0.5%
	Stability : 0~1000ppm
	Repeatability : ≤2%
Humidity	−40°C~ +60°C
Power supply	0~100%RH
	AC 220V
Battery performance	Built-in rechargeable battery
	Charging time : 20 hours ; can work for 10 hours
Weight	5kg
Dimension	250×150×300mm ³
Working temperature	−40°C~ +80°C

IV. Accessories



Host



Instrument Case



Connector



Manual, Report, Certificate



Exhaust Pipe



Power Cord



Intake Pipe