Wuhan HTJL-V Precision SF6 Gas Leak Detector

I. Introduction

HTJL-V high precision SF6 gas leak detector using Germany sensor, adopts infrared dual wave measurement technology, the measurement results more accurate, the stability is better. SF6 gas leak detector is suitable for the power supply department of maintenance units and power test installation.

II.Features

1. Small in volume, light in weight: to make the utmost possible effort to use the lightweight materials, easy to transport and carry.
2. Long measurement wire, can test the leakage point of 6M high, with wide moving range.
3. High sensitivity: use perfect designed circuit, reduces the interference by noise and electromagnetic wave, improve the sensitivity.
4. Wide measurement range, multi gears switching: can choose and switch multi gears, and get the standard curve for each gear, quantitative and qualitative tests are available.
5. High accuracy: uses advanced measurement methods, get the high accuracy calibration curve, improve the credibility and accuracy of the test results.
6. Visual display, sound and light alarm: with indicating instrument, if with SF6, the sound and light alarm will work.
7. Fast response, short recovery time: adopts new circuit structure, fast response, and short recovery time, greatly convenient to field tests.
8. Built-in self-diagnostic function: the device can supervise self working conditions.
9. Intuitive instructions: all the buttons on the panel with indicators.
10. Long performance life: running time up to 3 hours, applies to field test of SF6 HV switch factories and research institute.
11. Strong anti-interference: fully shielded, eliminate the interference by external and the device.
12. High stability: the power and voltage with high stability, low temperature rise, less thermal losses, good thermal stability, with small null drift and range drift when testing.
13. Good repetitiveness: instrument repeatedly test, good repetitiveness.

14. High reliability: reasonable compact structure, adopts imported components, equipped with over-current, over-voltage protection.

III. Parameters

Measurement range（SF6）	0.1ppm～1000ppm(volume ratio)
Indication method	LCD, digital, sound & light alarm
Alarm setting range	0.1ppm～1000ppm (volume ratio)
Preheating time	2 min
Response time	<10S
Accuracy	±2%FS
Repetitiveness	<2%FS
Stability	<2%FS(12 months)
Linear error	<1%FS
Service condition	Power: 220V 50Hz
	Temperature －10℃-40℃
	Humidity: ≤95%