

RDWG-III Handheld SF6 Gas Leak Detector

RDWG-III SF6 Handheld SF6 Gas Leak Detector is specially designed to detect SF6 gas leakage. Rdwg-III SF6 Handheld SF6 Gas Leak Detector is an essential protective equipment for power equipment maintenance, repair and industrial safety



production. The Handheld SF6 Gas Leak Detector is very suitable for power supply departments, installation and maintenance units and power test and research institutes. At the same time, it is also very suitable for SF6 high voltage switchgear as a supporting instrument for SF6 Electrical equipment and export products, so as to improve the quality of the whole product.



Product features

1. Sulfur hexafluoride gas sensor is adopted, and 1000ppm SF6 standard gas is introduced for commissioning and calibration to ensure the measurement accuracy, which can be used immediately after startup;
2. Built in gas extraction pump and pump suction sampling mode, fast response;
3. External replaceable integrated dust filter;
4. External water vapor filter can be selected for occasions with high

humidity;

5. Font color and background color can be set for different light intensity occasions to view the display interface;
6. The gas change curve can be viewed;
7. The storage capacity of 20000 records can be customized. It supports real-time storage, regular storage, local viewing and deletion of data. It can also upload data to the computer through USB and interface, and use the upper computer software to analyze, store and print data. Optional external micro wireless Bluetooth printer to print test results;
8. It adopts high-capacity rechargeable polymer battery and USB charging interface,;
9. Audible and visual alarm, fault alarm and other alarm functions. The alarm value can be set. The alarm mode can be low alarm, high alarm, interval alarm and weighted average alarm. The alarm status is displayed in a multi-directional and three-dimensional manner during alarm;
10. Two display modes can be switched: large font display of gas concentration and real-time curve of gas concentration change; You can set whether to display the maximum value, minimum value and gas name, and view the history curve;



Product specifications and technical parameters

Model. No	RDWG-III
Detection principle	infrared principle
Measurement range	0 ~ 1000ppm
Resolution	1ppm
Sampling method	pump suction, built-in air pump, flow rate of about 500ml / min
Display mode	2.31 inch HD color screen, digital display
Detection accuracy	$\leq \pm 5\%$ F.S
Linearity	$\leq \pm 3\%$
Repeatability	$\leq \pm 3\%$
Alarm mode	sound, light and vibration alarm
Response time	10 seconds, $T_{90} \leq 60$ seconds
Recovery time	≤ 30 seconds
Power supply	DC3.6V, 4500mA high capacity rechargeable polymer battery
Operating environment	Temperature -20~50 °C; Relative humidity: $\leq 90\%$ RH
Data Storage	20,000 data record storage capacity for viewing, deleting, or exporting data
Interface	USB
Protection level	IP65



Rui Du Mechanical and electrical (Shanghai) Co., Ltd



TEL: +86-021-68769756

Contact: Nico Zhou

Position: Sales Manager

Email: sales@hvtesters.com

Website: www.hvtesters.com

Mob/ WhatsApp:

+86-136 6190 8522