Huazheng®

HZCOP35
SF6 Gas Quantitative Leak Detector

Huazheng Electric Manufacturing (Baoding) Co., Ltd

Dear user:

Thank you for choosing HZCOP35 SF6 Gas Quantitative Leak Detector.

We hope that this instrument can make your work easier and more enjoyable, so that you can get the feeling of office automation in the test and analysis work.

Before using the instrument, please read this manual, and operate and maintain the instrument according to the manual to prolong its service life. "Just a light press, the test will be completed automatically" is the operating characteristics of this instrument.

If you are satisfied with this instrument, please tell your colleagues; if you are not satisfied with this instrument, please call (0312) 6775656 to tell you to serve you at all times-Baoding Huazheng Electric Manufacturing Co., Ltd., our company will definitely make you satisfied !

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I.Overview

The HZCOP35 SF6 gas quantitative leak detector adopts the principle of negative ion capture. It has high sensitivity, good stability, fast response, easy operation, and large moving range. It can quickly and accurately quantitatively detect the leakage points and years of SF6 circuit breakers and GIS. Leak rate.

This instrument is very suitable for power supply departments, installation and maintenance units and power test institutes. It is also very suitable for SF6 high voltage switch factory as a supporting instrument for SF6 electrical equipment and export products, thereby improving the overall product level.

II.Main technical indicators

1. Detection range: 100～2000ppm
2. Resolution: 1ppm
3. Response time: <3 seconds
4. Recovery time: <3 seconds
5. Quotation error: ≤±10%
6. Repeat error: ≤5%
7. Indication mode: LCD display and multi-frequency sound alarm
8. Test length: The hand-held test rod can be bent, and the test line can be extended to 1 meter
9. Continuous working time: 12 hours
10. Instrument power supply: rechargeable four-cell lithium polymer battery, DC5V
11. Use environment: temperature: -25℃ ～ 50℃ relative humidity: ≤95% non-condensing
12. Whole machine weight: 0.8 Kg
13. Equipment size: length×width×height=230mm×130mm×46mm
14. Aluminum alloy box size: length×width×height=410mm×250mm×90mm

III.Main features

1. Small size and light weight, the portable hand-held test rod can be bent, and the test line can be extended.

2. It can quantitatively detect the concentration of trace SF6 gas in ambient air.

3. It can accurately locate the gas leakage point of SF6 gas equipment.

4. It can quantitatively detect the concentration of SF6 in the air in the leakage and diffusion of SF6 gas equipment.

5. It can quantitatively detect the leakage amount and leakage rate of SF6 gas equipment.

6. The measurement range is wide, and the instrument can detect the leakage of SF6 within the range of the leakage rate of the SF6 switchgear.

7. High accuracy, the instrument is calibrated with advanced calibration methods, and a high-accuracy calibration line is provided, which improves the credibility of SF6 leak detection results and the accuracy of quantitative leak detection.

8. Intuitive display, sound and light alarm, digital LCD, with backlight display, with simple and intuitive effects. When SF6 is present, the instrument will give an audible and visual alarm.

9. The reaction speed is fast, the recovery time is short, and the new circuit structure is adopted to accelerate the reaction speed of the instrument and shorten the recovery time, which greatly facilitates on-site detection.

10. The rechargeable lithium polymer battery has a long use time and can be used continuously for 12 hours at a time. It is very suitable for use in the field, SF6 high voltage switch factory and research institute.