

HF-WC-626

# Sf6 Gas Detector



Portable SF6 Gas Leak Detector is designed to pinpoint tiny sulfur hexafluoride leaks inside GIS cabinets and circuit breakers. With high sensitivity and rapid response, it gives audible and visual alarms once gas leakage occurs, effectively preventing gas loss and safeguarding personnel safety in substations.

### Key features

- Entirely controlled by microprocessors equipped with advanced digital signal processing performance
- Seven adjustable sensitivity gears with maximum amplification of 64 times
- Sensitivity adjustable anytime during use
- Automatic battery test function
- Battery voltage indication display

### Technical specifications

| Parameter             | Value                                                           |
|-----------------------|-----------------------------------------------------------------|
| Power Supply          | 3V DC, powered by 2 pieces of No.2 alkaline batteries           |
| Maximum Sensitivity   | Approved for R12, R22, R134a: 14 grams per year                 |
| Ultimate Sensitivity  | Less than 3 grams per year for halogen refrigerants             |
| Probe Service Life    | Approx. 20 hours cumulative working time in SF6 gas environment |
| Operating Temperature | 0°C ~ 52°C                                                      |
| Battery Endurance     | Around 30 hours under normal operation                          |
| Working Mode          | Continuous unrestricted operation                               |
| Response Time         | Instantaneous                                                   |
| Reset Time            | 1 second                                                        |
| Warm-up Time          | Approx. 2 seconds                                               |
| Net Weight            | 560 g                                                           |
| Overall Dimensions    | 22.9cm × 6.5cm × 6.5cm                                          |
| Probe Length          | 35.5 cm                                                         |

### Standard scope of supply

| No. | Item                                | Qty    | Notes                                            |
|-----|-------------------------------------|--------|--------------------------------------------------|
| 1   | Handheld SF6 Gas Detector Main Unit | 1 Set  | Built-in detection sensor, touch control panel   |
| 2   | No.2 Alkaline Batteries             | 2 Pcs  | 3V DC power supply for instrument                |
| 3   | Detachable Flexible Probe           | 1 Pc   | Total length: 35.5cm for narrow space inspection |
| 4   | Shockproof Hard Carrying Case       | 1 Pc   | For storage and outdoor transportation           |
| 5   | User Manual (Chinese & English)     | 1 Copy | Operation, calibration & maintenance guide       |
| 6   | Factory Calibration Certificate     | 1 Copy | Metrological test certification                  |

### 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.