

PGAS-32 Portable Infrared SF6 Gas Detector



Brief introduction

PGas-32 portable infrared gas detector is a kind of hand-held instrument that can perform continuous measurement of gas. This leakage detector adopts imported gas infrared sensor, it utilizes unique method of data processing, and it has the functions of high sensitivity, quick response, good stability, automatic modification of zero drift as well as speech alarm output, etc. The hand-held design facilitates carrying and testing; light-emitting display screen of organic matter is adopted, and the display is clear without lamp light when it operates at night.

Main features

NDIR non-dispersive infrared principle

OLED screen, self-luminous with low power consumption and high brightness, with no problem of visual angle

High sensitivity; the detection resolution of leakage can reach 0.1ppm

High precision and good stability

Quick response and recovery

Multi-level speech and light alarm

Can be charged by USB or AC adopter, convenient and quick

Storage and inquiry of measurement data

Read and analysis the data by PC software through USB

Long lifespan of sensor

Technical parameters

Parameters	Characteristics
Measurement principle	Non-dispersive infrared (NDIR)
Detectable gas	SF6 gas
Measuring range	0-50ppm/0-1000ppm/0-1500ppm/0-2000ppm
Uncertainty	<1.5%F.S
Resolution	0.1PPM
Sampling mode	Pumping type
Service temperature	-10~60°C
Power supply	4.2V, internal lithium battery power supply,2200mAh
Response time	1~5 second(s)
Warm-up time	100 seconds
Probe unit rod length	22cm
Lifespan	>10 years
Calibration	Calibration every six months

Weight	0.7 Kg
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Pictures

