



GDIR-1000L SF6 Gas Infrared Imaging Leak Detector



Product Description

GDIR-1000L SF6 Gas Infrared Imaging Leak Detector is a highly technical instrument which is independently developed by our company and has independent intellectual property rights. It is specially used to directly observe the leakage of SF6 gas equipment in the operation of the electric power industry. Adopts infrared imaging principle and unique image processing algorithm, to ensure test sensitivity and reducibility of the instrument. Simple and reliable operation, high test sensitivity, the image is intuitionistic and clear, able to find the SF6 gas leakage point of the electrical equipment accurately and quickly.

Features

- Infrared imaging detection, visualization;
- Fast Start-up, no need to warm up, and 10 seconds can be put into detection;
- No need for active infrared light source enhancement, wide test interface;
- SF6 gas leak points can be observed on the detector imaging surface;
- Non-contact detection mode to ensure the personal safety of field workers;

Specifications

Detector Type	Uncooled vanadium oxide focal plane
Spectrum band	10.3μm-10.7μm
Frame rate	25Hz
Resolution	320*240
Total pixels	76800
Thermal Sensitivity	<15 mK @ +30°C (+86°F)
NETD	40mk(F/1)
Lens	50mm F/1
Measurement sensitivity	0.001mL/s
Power consumption	≤5W@25°C
Power supply	DC 7.2V
Battery working time	≥5 hours

Start-up time	10s
Storage & videotape	Solid state hard disk
Video output	Digital video output
Communication mode	USB interface
Working temperature	-40°C ~ +50°C
Storage temperature	-55°C ~ +70°C
Weight	3 kg (including battery)
Software	Analysis and report
Zoom	1 – 8× continuous digital
Focus	Auto & Manual
Color LCD	7"
Adjustable Viewfinder	Tiltable OLED, 1080P
Video Camera w/Lamp	3.2 MP
Laser Spot	Yes
Delta T	Yes