SF_6 LaserGasTest

Insulation gas leakage detector
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SF_6 LaserGasTest high sensitive insulation gas leakage detector for gas-insulated switchgear (GIS) (and not only...)

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Specifications

Detected Gas	Insulation gas (SF_6)
Sensitivity for SF_6	1 ppbv or 0.002 g/year
Range	10 ppbv — 5000 ppmv
Accuracy	±10 % @10 ppmv
Response time	< 2 s
Internal memory	16 records
Continuous operation time	> 8 hours
Dimensions	335 x 280 x 135 mm
Weight	7.62 kg

SF_6 LaserGasTest

▶ Designed for indoor and outdoor applications:

    Wide operation temperature range (-20 ... +40) °C

    IP65 class of protection (in closed condition)

    Mechanical shock and vibration resistant
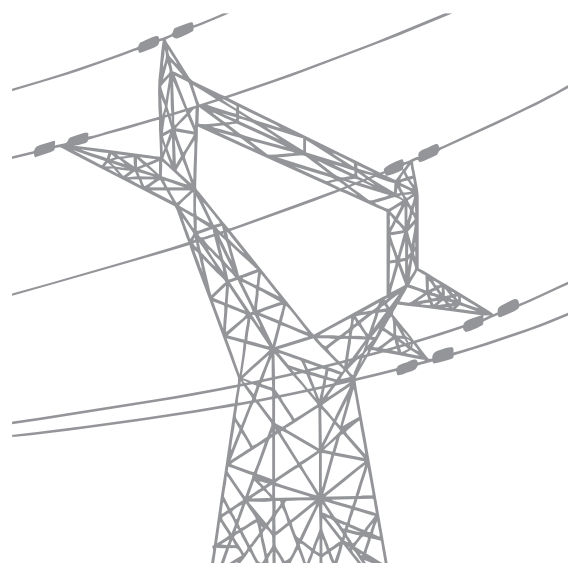
▶ Certified:
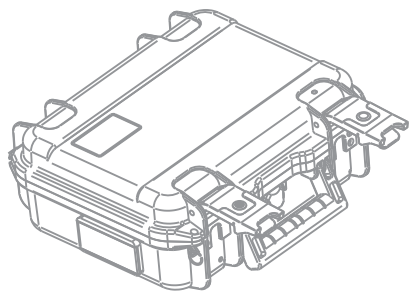
    RoHS and CE compliant

▶ PC software:

    Free of charge, included in package

    Service and diagnostic functions

    Full remote control

Quick Start Guide

A Open case

SF$_6$LaserGasTest is designed in high-impact watertight case (IP65 protection class). Instrument is designed to operate indoors and outdoors, at temperatures from -20°C to +40°C. The case is equipped with shoulder belt for comfortable transportation and operation. Original accessories are available on request.

B Connect Hand-Held Tool

Connection to the main unit for gas sampling and system control is provided by a specially designed combined pneumo-electrical cable with self-latching connectors. This ensures easy and reliable electrical and gas sampling connection. In transport condition all outlets are fully protected against dust and water with special silicone covers.
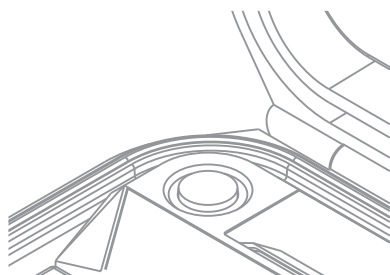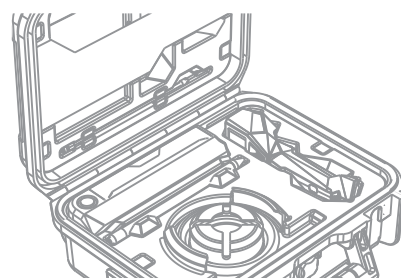
C Switch **SF$_6$LaserGasTest** on

SF$_6$ LaserGasTest is started by pushing the only button inside the case. Inner LED panel will indicate system status. Ten seconds for startup self-tests and the device is ready to operate.

D Measure

Pull the trigger on Hand-Held Tool (HHT). The device will start measurements and the results will be presented on HHT display. HHT menu provides access to all options like measurement mode, displayed units and range, headlight, sound. Just explore HHT menu — the interface is simple and intuitive (we are sure).
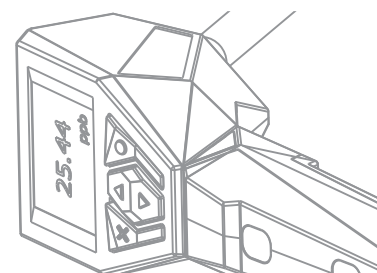
However, we strongly recommend you to read the User's Manual first.

SF$_6$LaserGasTest applications:

- GIS manufacturing and service — quality control, factory tests, regular technical maintenance etc.
- Gas-based (usually on SF$_6$) fire extinguishing systems installation and maintenance.
- Air-tightness validation of any pneumatic or hydraulic systems.
- Quality control and inspection of fumehoods.

www.detectors.lc-solutions.com

www.hypertech-lasers.de