

Exposing Any Hydrogen Leakage

LH1500 Hydrogen Leak Detection System

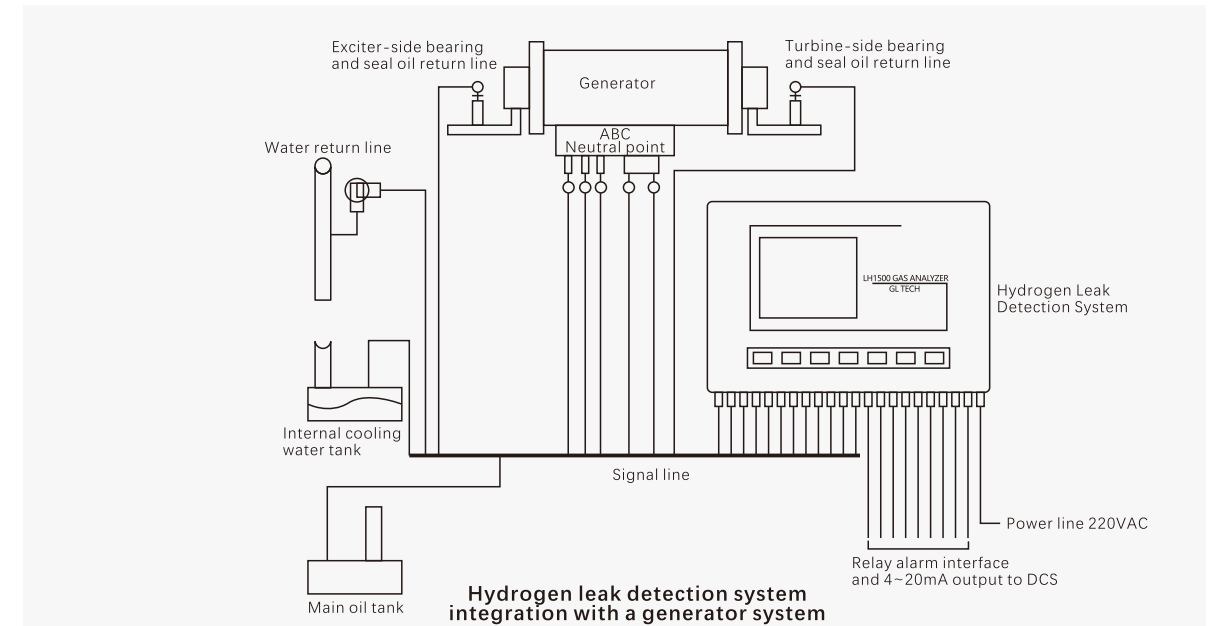
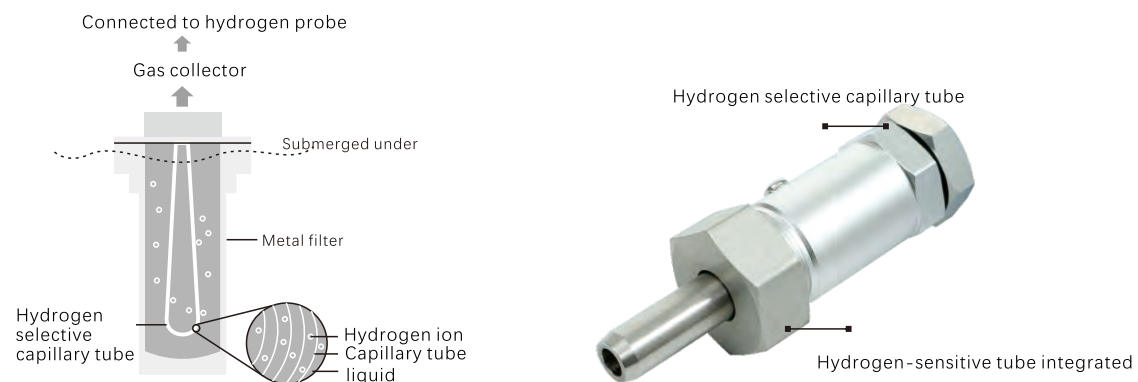
Monitoring Generator Hydrogen Leaks in a Comprehensive, Systematic Way



Features

NO1 Comprehensive evaluation solution of generator hydrogen cooling potential leakage

- Real-time monitoring of hydrogen leaks at locations such as generator busbars, oil return line, water return line, sampling valves, and the cooling water tank.
- Oil and waterproof design with sensitivity to hydrogen only, capable of immersing in oil and water for direct measurement.



NO2 Real-time Monitoring of Both Generator Environment and Operational Status

- Real-time monitoring of potential hydrogen accumulation positions.
- Simultaneous multiple zonal monitoring without blinding spot.
- Local display of monitoring data with audible and visual alarms for exceeding limits.

NO3 User-Friendly Installation and Operation

- 16-channel centralized monitoring supported.
- Expandable system with plug-and-play connectivity.
- Cutting-edge integrated circuit for optimal DCS system integration.

Technical Specification

Measuring range	H ₂	0.0~4.0%	Digital output	RS485, CAN
	LEL	0~100%		
Deviation (H ₂)		±0.2% @ 0.0~2.0%	Supported sensor count	1~16
		±0.3% @ 2.0~4.0%		
Response T90		< 30s	Alarm signal	SPST
Analog output		4~20 mA w/th max load of 500Ω	Alarm output relay capacity	250 V AC @ 5A 30 V DC @ 5A
Power rating		110~240 V AC @ ≤ 0.25A 50±2HZ	Ex Mark	Host: Ex Ia Ga II C Sensor : Ex ia II C T3 Ga
Display		HD true color LCD	Host size	460x350x130 mm