GLTECH 光力科技

Turning the Ammonia Zone into the 'Safe' Zone

LH1500-NH3

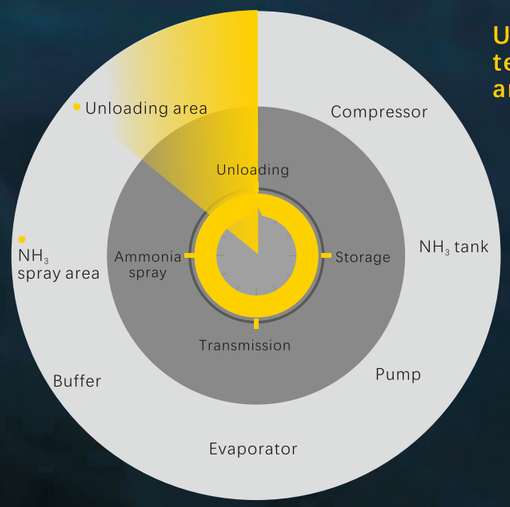
Ammonia Leaking Detector System

Technical Specification

1.Measuring range: (0~100) ppm
2.Measuring accuracy: ⩽2% F.S
3.Resolution: 0.1ppm

Sensor
1.Display: Industrial OLED (132x64 pxel)
2.Alarm: Audible and visual alarm

Host
1.Power rating: 110~240 V AC @ ⩽0.25 A with 50±2 Hz
2.Display: 10.4-inch True-color display (1024x768 pxel)
3.Data Signal: 4~20 mA
4.Alarm Signal: SPST



Utilizing cutting-edge laser detection technology to achieve real-time detection and alerting for ammonia leaks in power plants.

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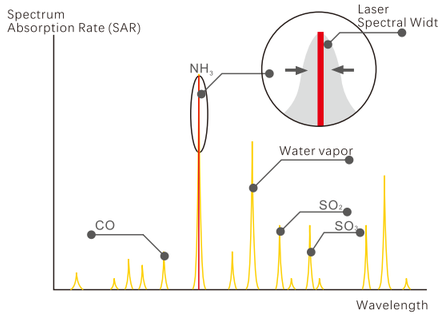
LH1500-NH3

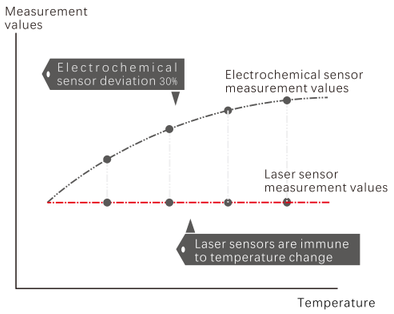
Ammonia Leakage Detection System

Real-time monitoring of ammonia leakage at every stage.

NO1 Unparalleled Accuracy with Laser Technology

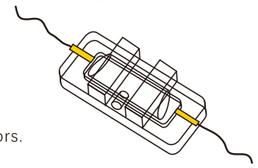
- Immunity to interference: capable of accurately measure ammonia in environments containing water vapor, SO_2, SO_3, NOx, H_2S, CO, and etc.
- Avoids the drift and false alarms in electrochemical sensors caused by cross-gas interference.
- No measurement deviation due to temperature changes.





NO2 Peace of Mind Maintenance: Calibration-Free for Extended Periods

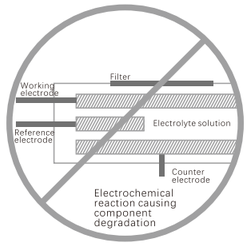
- The host unit is equipped with a self-calibration chamber, capable of automatically calibrating all connected transmitters.
- Solving the issues of short calibration cycles and high maintenance costs associated with electrochemical sensors.



NO3 Extended Sensor Lifespan

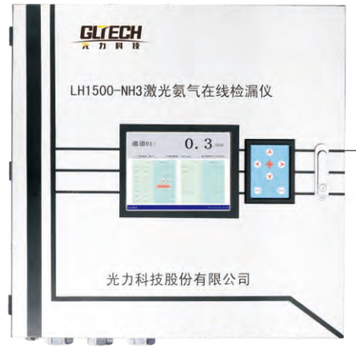
Sensor module lifespan greater than 10 years.

Physical principle of measurement without chemical degradation that causing drifting.

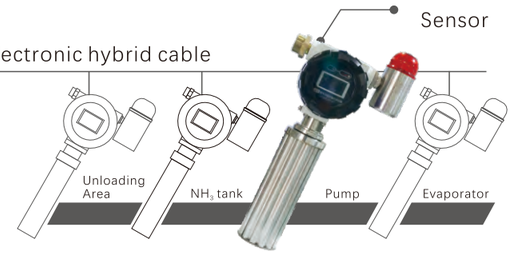


The physical principle of measurement, unlike electrochemical sensors with drifting caused by degradation.

NO4 Cost-effective Solution with Distributed Configuration



1(Host)+N (Sensor) configuration to suit your needs



Application case