

Smaller Yet More Powerful: Flow and Purity, United in One

GD6102 Gas Flow Purity Analyzer

Simultaneous monitoring of hydrogen cooled generator unit: assessing hydrogen purity and flow within the cooling tank.



Features

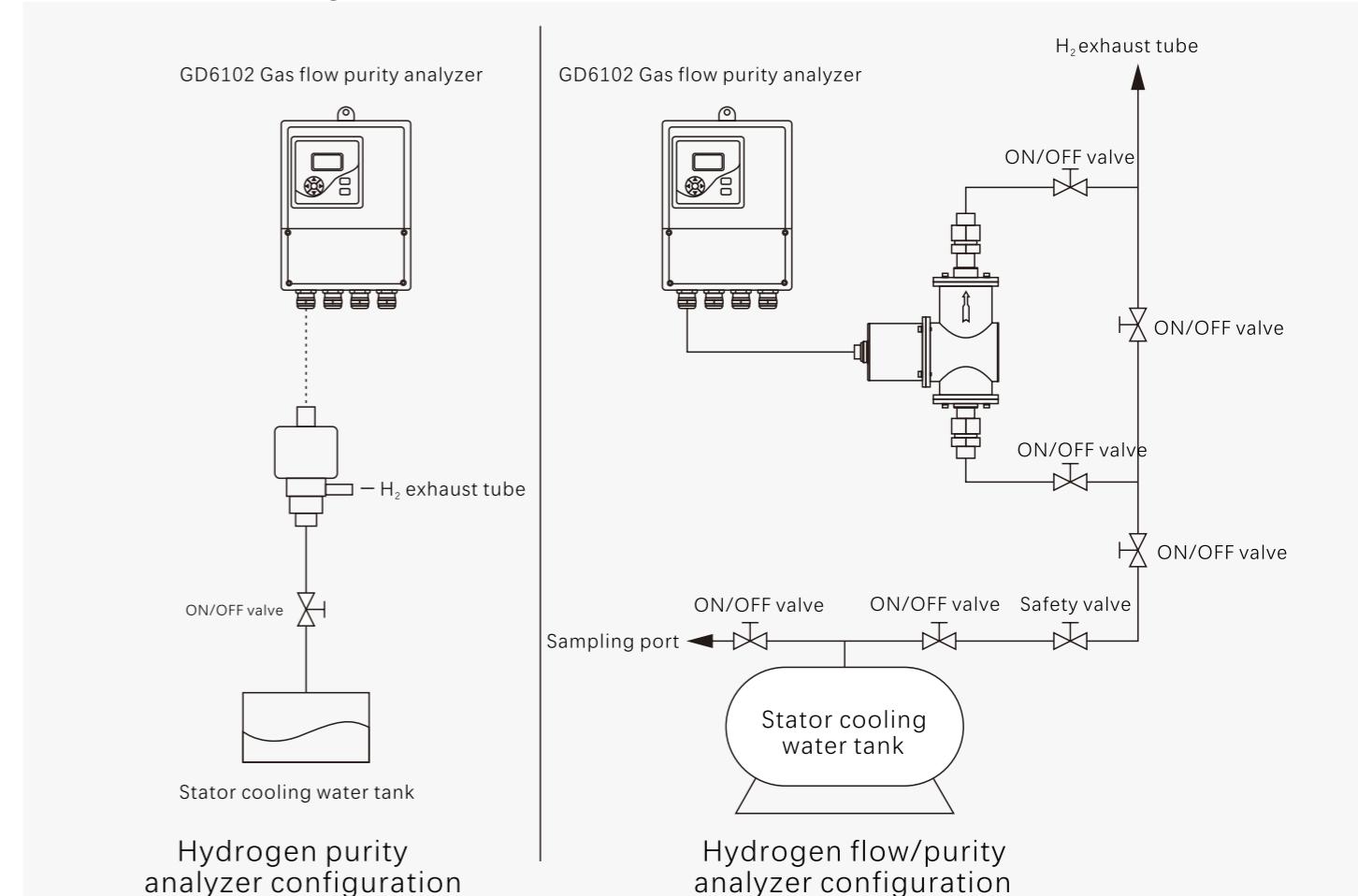
NO1 Dual-Parameter Integrated Monitoring with Centralized Data Upload

1. Capable of simultaneously monitoring hydrogen concentration and instantaneous flow rate while displaying the cumulative total hydrogen release.
2. Real-time synchronization of data to DCS.

NO2 Reliable Accuracy Over the Long Term

1. 0~20% measurement range, resolving the issue of being unable to measure hydrogen concentrations beyond 4%.
2. Unique temperature control design to ensure stable zero-point and full-range measurements, unaffected by environmental temperature fluctuations.
3. Utilizing advanced water-resistant microflow meters, low-pressure loss, wide measuring range, and high reliability.

Customized configuration to fit different needs



Technical Specification

Parameter	Purity	Flowrate
Measuring range	0~20 %	60~1000 dm ³ /h
Accuracy	±2.0 % F.S. (Standard mode)	
Gas pressure	0~0.4 MPa	
Signal output	3 ports with 4~20 mA	
Relay signal	4xSPDT, 250 V AC 5A	
Pipeline size	DN15 (22x3)	
Ingress protection	IP65	
Ex. mark	Exd ia IIC T4 Ga	

Generator Hydrogen Supply, All in Your Control

CJZ70 Gas Flow Meter

Real-time monitoring of hydrogen supply to the generator.



Technical Specification

Measuring range	0~10 m ³ /h
Accuracy	±1 % FS (Standard mode)
Repeatability	±0.2 %
Power rating	220~240 V AC, 24 V DC
Analog output	4~20 mA (Instantaneous flow rate)
Relay signal	2xSPDT, 250V AC 5A (Daily accumulated value)
Cable Connector Dimensions	6~10mm
Pipe material	316L SS
Ingress protection	IP65
Ex. mark	Exd ia IIC T4 Gb

Features

NO1

- Certified product for power plant with reliable quality you can trust.

NO2

- 24/7 monitoring for accurate generator hydrogen provision.
- Utilizing mature and performance-reliable thermal conductivity technology to accurately measure hydrogen flow.
- Real-time monitoring of instantaneous and cumulative flow rates, with a user-friendly interface.

NO3

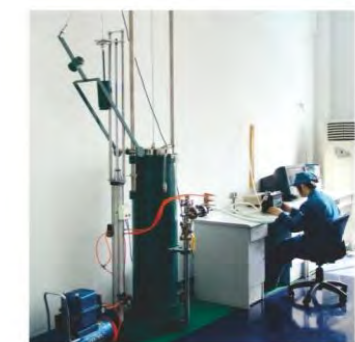
- Explosion-proof design with excellent safety performance.

NO4

- Easy calibration and maintenance, ensuring long-term reliable equipment operation.



Sonic Nozzle



Bell-Prover Gas Flow Standard Device



LIVING INNOVATION®

Quality Enduring Through the Years **XACT500**

Real-time Gas Purity Analyzer

The Go-To Choice for Power Generator Facilities

- Efficient oil and moisture filtration system to ensure contamination resilience.

- Full-range hydrogen purity monitoring during hydrogen exchange process for accurate and fast testing.

- Safety and reliability guaranteed with our explosion-proof design

Technical Parameters:

Measuring range	H ₂ purity	90~100 %
	H ₂ in CO ₂	0~100 %
	Air in CO ₂	0~100 %
Accuracy	±0.5%FS	
Flowrate range	50-200 mL/min (Recommended 150mL/min)	
Included Cable	Standard configuration with a 3-meter four-core cable.	
Analog output	4~20 mA	
Display	OLED	
Operating temperature	-10 °C ~ +55 °C (Standard)	
	-10 °C ~ +65 °C	
Ex. mark	Transmitter : Exd IIC T6 Gb	

Crafting Classics through Customization

GLSD-2

Hydrogen Cooling System Control Instrument

Dual channel hydrogen purity monitoring equipment for generators

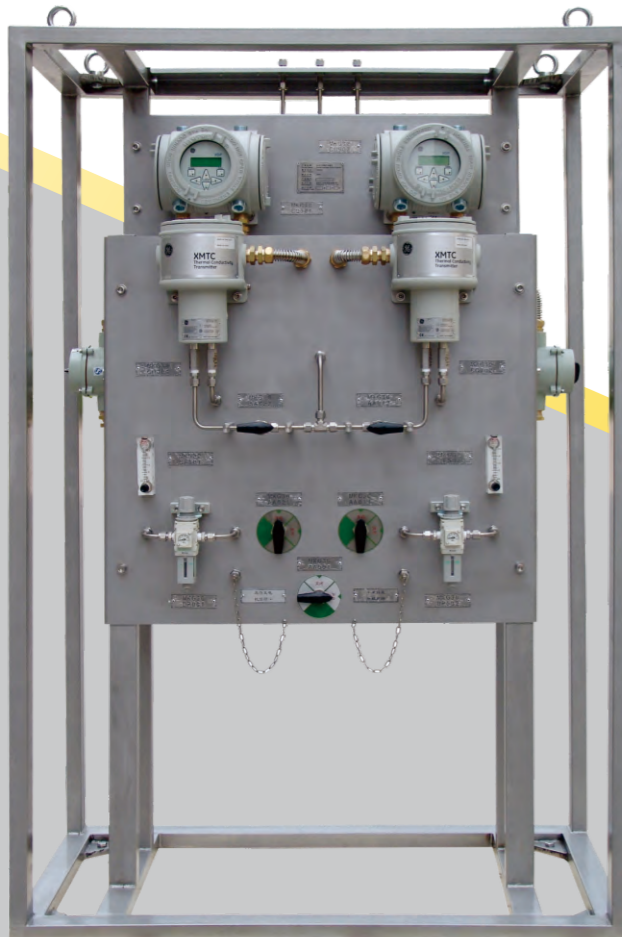
Dual Channel Monitoring

- Simultaneously detects gas purity at the top and bottom of the generator to ensure safe operation.
- Dual channel detection in synergy to promptly identify safety hazards.

Explosion-Proof Frame Structure

- All secondary meters and transmitters have obtained certification for explosion-proof compliance.
- In-frame structure to prevent gas accumulation hazards.

Enhanced Monitoring/Enhanced Safety /Enhanced Peace of Mind



DEWTRON250

Real-time Dew Point Analyzer

Features

- **Effectively avoiding interference and erosion of oil molecular.**
Using nanoscale oil-repellent filters to overcome the issue of oil and gas carryover affecting sensors in the hydrogen system.
- **High corrosion resistance, sensor poison immunity**
Directly measure the humidity of gases such as H₂, SF₆, H₂S, CO, chlorine, acetic acid, bromine vapor, and other gases.

Technical Specification

Measuring Range	Dewpoint-100°C~+20°C or -80°C~+60°C
Accuracy	Less than ±1.0°C within dewpoint-65°C~+20°C range
Resolution	Dewpoint 0.1°C or 1ppm
Unit	Dewpoint°C、°F、ppm、g/m ³
Operating Temperature	≤ 70°C
Operating Pressure	≤ 1.5MPa
Power Rating	220VAC or 24VDC /4 W
Alarm Signal	SPDT Mode
Output Capacity	250V/5A
Signal Output	4-20mA
Ex. mark	Exd IIC T6 Gb



LGS-O2

Real-time Trace Oxygen Analyzer

Features

- **Laser detection technology**
Cross-gas interference immunity that avoids false alarm.
- **Calibration free**
Overcoming the issues of short calibration periods and high maintenance costs associated with electrochemical sensors.
- **Long lifespan**
Completely resolves the issues of short lifespan, non-pressure resistance, and susceptibility to oxygen poisoning at high concentrations that are associated with electrochemical sensors.



Technical Specification

Measuring Range	0~2%O ₂
Linear Deviation	±1%FS
Resolution	1ppm
Response Time (T90)	<20S
Operating Temperature	-10~50°C
Signal Output	4~20mA
Ingress Protection Rating	NEMA 4X, IP66
Ex. Mark	Exia II C T4

After-sales service

We are committed to providing our customers with warm, proactive, professional, and efficient service.

- **Comprehensive CRM (customer relation management) system**
Organizing and categorizing customer profiles, ensuring a 100% customer follow-up rate.
Responding within 24 hours of receiving an after-sales service request.
- **Fast response, the first-come, first-served approach.**
The company's after-sales service follows a first-come, first-served approach and ensures that issues are tracked and resolved.
- **Customers enjoy lifelong technical support services.**
Free technical consultation and system upgrade services.
Free 400 service hotline and technical support hotline.
- **Fault response and the prompt arrival time of maintenance personnel.**
A response within 15 minutes of receiving the call to guide users in troubleshooting.
If the issue cannot be resolved over the phone, dispatch maintenance personnel promptly to address the problem on-site.