

IHO2-1

Integrated Humidity & Oxygen measurement in Flue Gas



Overview

IHO2-1 adopts advanced Solid State Zirconia Electrolyte measurement technology. The core sensor employs design of high temperature resistance (max. temperature 900Deg.c) that can work stably in hi-temp environment for a long term. The product features high temp resistance, high measuring accuracy, strong corrosion resistance, fast response and stable performance. It can be widely applied to continuous online measurement of exhaust gas humidity and oxygen in thermal power plants, chemical / Steel / Cement plants.



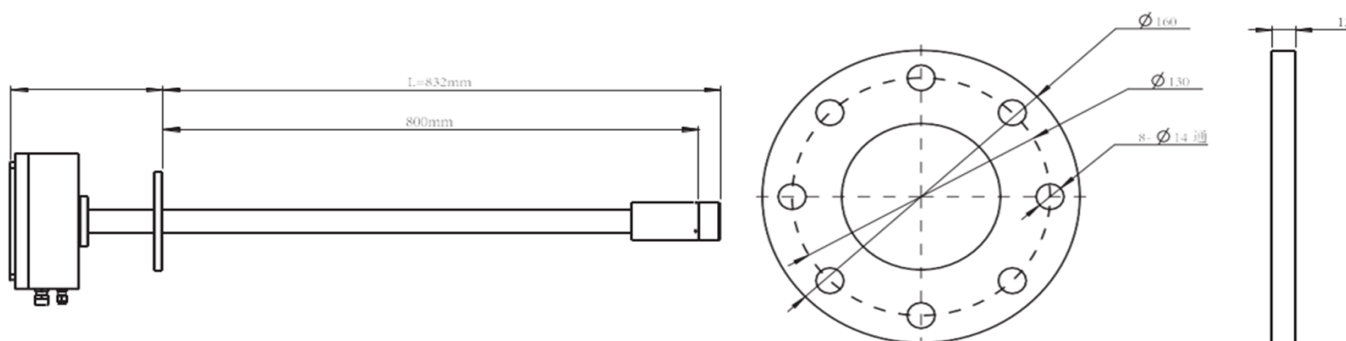
Feature

- Long-term use under high-temperature (250°C) flue gas environment
- Meet integrated online monitoring requirements of humidity and oxygen
- Imported sensor ensures service life of analyzer
- Probe adopts special material with stronger anti-corrosion capability
- IP65, suitable for heavy weather out of doors
- Simple operation, long service life, easy maintenance
- Support 485 modbus protocol, meet environmental requirements
- Humidity and oxygen can be calibrated at site, guaranteeing measuring accuracy

Technical Parameter

Principle	Dry & wet oxygen	Probe rod length	Standard length of 0.8m, other specifications can be customized
Range	H ₂ O: 0-40VOL% O ₂ : 0-25VOL%	Flue gas temp	0-250 °C
Measuring accuracy	H ₂ O ±1.5% F.S. O ₂ ±1.0% F.S.	Display method	LCD display, inside instrument
Repeatability	± 1.0% F.S.	Power	220VAC ±10% 50HZ, 30W
Response time	T90 < 20S	Output interface	4-20mA, 0-5V, 0-10V (selectable)
Sampling method	Plug-in	Serial port COMM	Support 485 MODBUS protocol
Installation method	Standard DN65 flange, other specifications can be customized		

Dimension



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