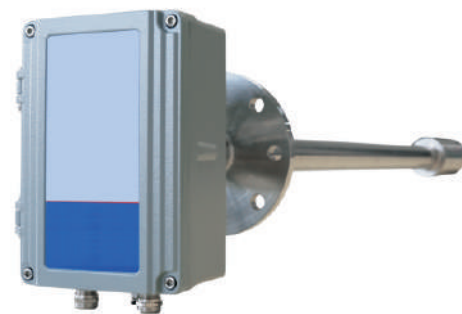


# PCEM-009 Zirconia Moisture Analyzer

## Overview

PCEM-009 adopts advanced Solid State Zirconia Electrolyte Measurement Technology. The core sensor employs structure design of high-temperature resistance (max temperature of 900°C) that can work stably in high-temperature environment for a term. The product owns features of high temperature resistance, high measuring accuracy, strong corrosion resistance, fast response and stable performance, etc. It can be widely applied to continuous online measurement of exhaust gas humidity and oxygen in thermal power plants, chemical plants, steel works and cement works.



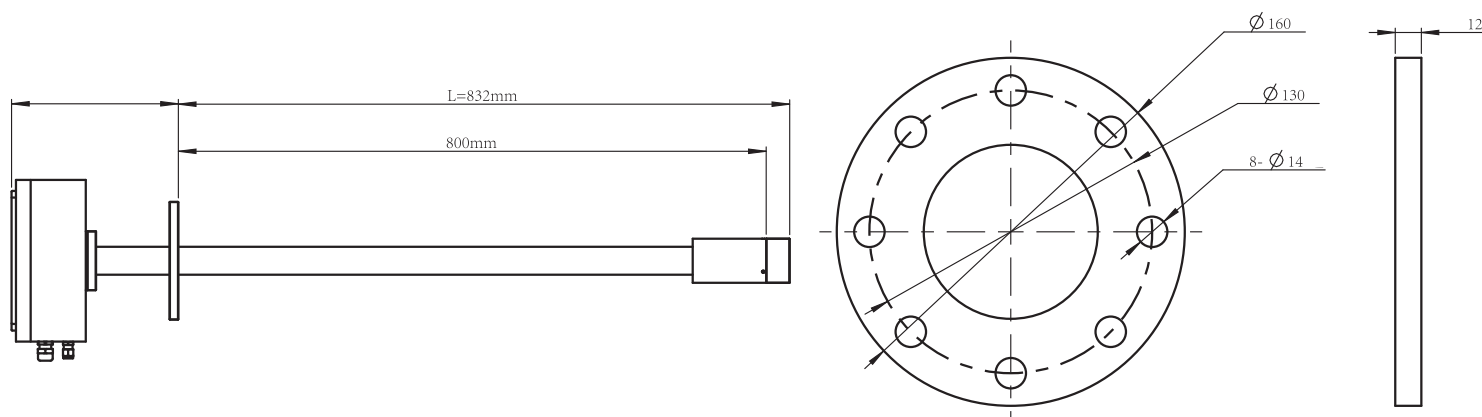
## Feature

- 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 <sub>2</sub> O: 0-40VOL% O <sub>2</sub> : 0-25VOL%	Flue gas temp	0-250°C
Measuring accuracy	H <sub>2</sub> O ±1.5% F.S. O <sub>2</sub> ±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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