

DIFFERENTIAL WET-DRY O₂ MEASUREMENT DELTA-O₂ IS Flue gas Humidity meter



Fuji Electric France designs, manufactures and sells flue gas humidity meters.

APPLICATIONS

- ✓ H₂O flue gas monitoring for the regulated atmospheric emissions (CEMS)
- ✓ Combustion control of wet combustible furnaces like biomass boilers
 - Industrial boilers
 - District Heating

MAIN FEATURES

ALL-IN-ONE SYSTEM

- One single flange on the stack
- Measurements :
 - Wet O2 concentration
 - Dry O2 concentration
 - H2O concentration (option)

ADAPTABILITY

- One flange mounted on one side of the stack
- Perfect for very dusty applications :
 - Optional pack purge of guide tube
 - Specially designed dust and tar filter

FUJI ELECTRIC COMPONENTS

- ZFK8 zirconia sensors
- ZKM converters
- Fuji Guide Tubes
- Fuji Design
- Options with Fuji PLC

COMPETITION

- Highly competitive solution
- Lower cost than Laser solutions

TECHNICAL SPECIFICATIONS

Main Technical data	
Measuring principle	Zirconium oxide
Measuring ranges	Wet O2 : 0 .. 25% Dry O2 : 0 .. 25% H2O (option): 0 .. 100%
Flue gas temperature	Maximum : 300° C
Ambient temperature	Range (indoor): +5 .. +40° C
Output signals (standard)	Analog : 4-20 mA for wet O2 4-20 mA for dry O2
Options	Fuji Electric Touch Screen interface H2O concentration calculation H2O 4-20 mA additional analog output Alarm outputs Modbus communication Automatic calibration Automatic backflush Cabinet heater Cabinet cooler
Power Supply	110 VAC, 230VAC

