



บริษัท อาร์.พี. ซีเล็คชั่น จำกัด R.P. SELECTION CO.,LTD.

The Environmental Service Company which provides Modern Environmental Measurements and Analysis, Online Monitoring, Instruments and System.

We have Solution for Power Plants, Steel Plant, Cement Plant, Incineration Plant, Biomass Gasification Plant. It is Authorized delegate of World-Class Instruments, such as Fuji Electric Gas Analyzers.

Fuji Gas Analyzers



Single Beam NDIR Gas Analyzer



Z R E (For General use)

- ★ Simple structure , Easy to use and Easy maintenance
- ★ Excellent stability and High-accuracy measurement with Mass flow sensor

Double Beam NDIR Gas Analyzer



Z K J

- ★ High accuracy measurement in low concentration measurement with high sensitivity Mass flow sensor
- ★ Minimum cross sensitivity with Dual detector system
- ★ Flexibility for measuring components

Zirconia Oxygen Analyzer

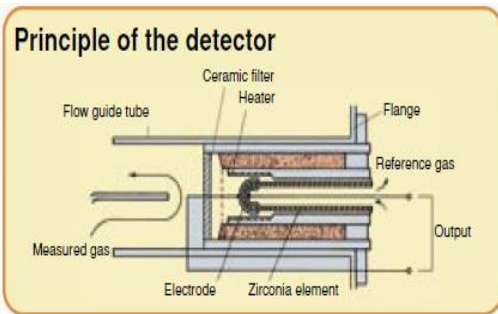
- ★ In-situ measurement with High response time is suitable for combustion control system
- ★ Easy maintenance with unique Flow-guide-tube
- ★ Explosion proof type available (NEPSI)



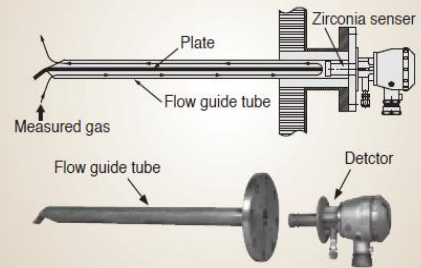
Easy to change the sensor



Flow guide tube



A Flow guide tube skillfully utilizing the flow of the measured gas assures fast responses.



Paramagnetic Oxygen Analyzer



- ★ High response time
- ★ Excellent precise measurement with Mass-flow sensor
- ★ Sensor does not contact with the sample gas so that enable to measure combustible gas

Thermal Conductivity Gas Analyzer

- ★ Compact, Easy operation with diagnostic menu
- ★ Measurable gas are H₂, Ar, He and so on which are not measurable with other principle.



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In-situ Laser Gas Analyzer

Diode Laser of which wavelength exactly matches to the absorbance spectral line is radiated across the stack



Transmitter unit



Receiver unit

Features

- ★ Maintenance Free & Low Running cost
- ★ High Speed Response
- ★ Extremely Low Cross-sensitivity
- ★ OK for High Dust Concentration

Measurable components & Applications

- HCl : Min. measuring range 0-10ppm for Incinerator flue gas
- NH3 : Min. measuring range 0-15ppm for De-NOx system, CEM & control
- O2 : Min. measuring range 0-4 % for Furnace control
- CO, CO2 : Min. measuring range 0-2% for High-dust steel plant
- CO + CO2 : Min. measuring range 0-2.5% for High-dust steel plant
- CH4 : Min. measuring range 0-100ppm for Explosion prevention



Control unit

Extractive Gas Analyzer

Max. 5 components simultaneous measurement
<NOx, SO2, CO, CO2, CH4, O2>

- ★ Measurement by NDIR assures high accuracy and excellent stability
- ★ Standard-equipped with automatic zero/span calibration
- ★ All maintenance from the front of cabinet available

Approval No. under Japanese Meas. Low
NOx : SAN991-1, SO2 : SAS992-1
CO : SAC992-1
O2 : SE981 (Zirconia sensor)
SF011 (Paramagnetic sensor)



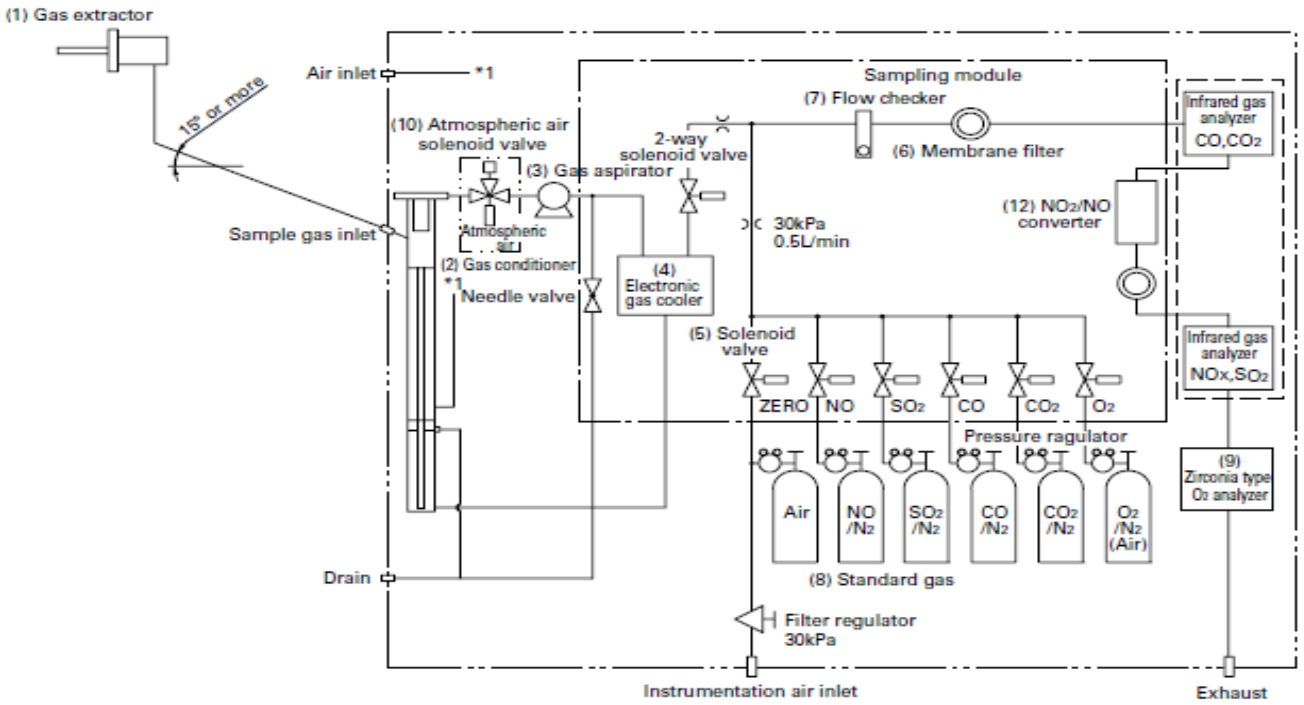
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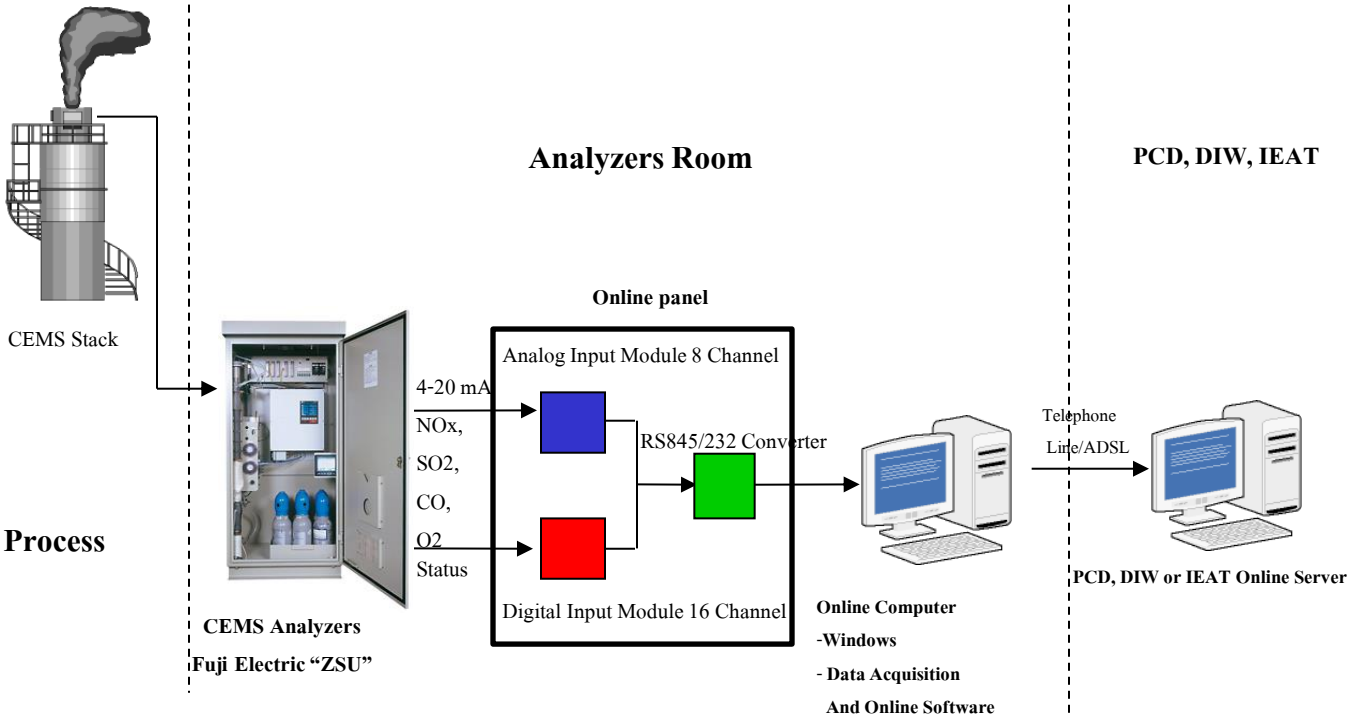
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Gas Sampling System for CEMS

Simple system assures Easy maintenance & Low running cost



Data Acquisition System (DAS) & Online System



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