



OA-Z-IG

## INERT GAS / COMBUSTION GAS OXYGEN ANALYZER



- Certified under the M.E.D**

OA-Z-IG has acquired MED certification from the Korea Register and holds EC type examination (Module B) and EC quality system assessment (Module D) certification for fixed oxygen analysis equipment.

- Zirconia Oxygen Sensor**

Zirconia oxygen sensor, that has lower measurement error due to the flow velocity and semi-permanently usable, has been adopted. In addition, the typical lambda sensor type that has excellent durability against the combustion gas and limit-currenting type that has a stable output with lesser drift can be selectively applied.

- Easy Operation System**

Through the operator-centered simplified software interface design, it has been developed to learn the operating method easily even for the beginners.

Measuring Method	Zirconia Sensor
Measurement Range	0.1 to 25.0% O <sub>2</sub>
Accuracy	± 0.5% of the Measuring Range
Repeatability	± 0.1% of the Measuring Range
Drift on Month	± 0.1% of the Measuring Range
Response Time	Less than 10 Seconds (Time to 90% of the Measuring Range)
Warm Up Time	150 Seconds
Proper Flow	0.1 to 1 Litre per minute
Power Supply	85-264VAC - 50/60 Hz or 110-340VDC or 12 VDC
Power Consumption	10VA per analyzer
Analog Output	Active 4 - 20mA
Load Output (max.)	600 ohm / 24 VDC
Digital Output	RS485 Protocol
Alarm Functions	Low, High-Caution, High Warning; O <sub>2</sub> Level System failure
Relays	5 relays
Temperature limits	-10 to 60 °C
Humidity Limits (Sensor)	Below 90%, no condensation
Pressure Limits (Sensor)	-400 ~ 500 kPa

Remarks : Specifications are subject to change without any prior notification

