

## Inert Gas System For Tanker Oxygen Analyzer

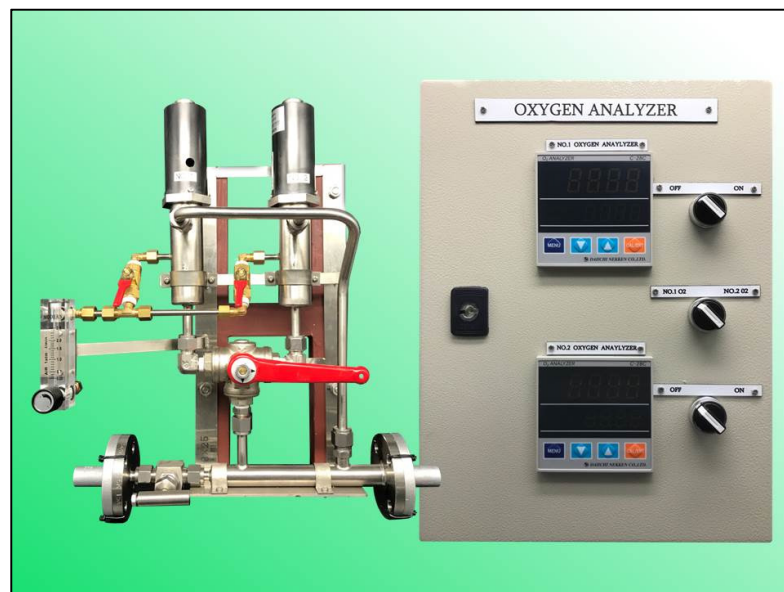
### Model : TB-IIS/ C-28C-S

With proven record in marine application for Inert Gas System. A.B.S. 5-1-7/25.3, 25.5.2, 25.31.1, 25.37.1 and Oxygen Content Monitor U.S.C.G. 46 CFR 39.40-3 & 39.40-5

#### Single Point Oxygen Analyzer



#### Double Point Oxygen Analyzer



**Features :**

- Detective element made of Zirconia Electrolyte
- Accepts the large flowing quantity of the sample (about 50L/min)
- Measurement of partial oxygen pressure in vacuum atmosphere
- It can be measured even if sample gas is dewy
- Simple structure, easy maintenance

**TECHNICAL DATA**

<b>Model</b>	EcoaZ TB-II S
<b>Principle</b>	Zirconia Ceramic Electro-chemical Cell
<b>Construction</b>	TB-IIS Sensor Unit
	C-28C-S Control Unit
	Interconnecting Cable (6P)
<b>Measure Range</b>	0 ~ 25 % O <sub>2</sub>
<b>Output</b>	D.C. 4 ~ 20mA, 0 ~ 1V
<b>Accuracy</b>	In less than ± 2% of full scale
<b>Repeatability</b>	In less than ± 1% of full scale
<b>Response</b>	Less than 10 sec (90% of full scale)
<b>Alarm</b>	High/High 5% / 8% (default)
	User can change the set point.
<b>Warm Up Time</b>	About 20min
<b>Ambient Temp</b>	80 °C max. for Sensor, -5 ~ 50 °C for Control unit
<b>Ambient Humidity</b>	0 ~ 85% max, non-condensing
<b>Sample Temp</b>	300 °C max at sensor inlet
<b>Sample Pressure</b>	0.01MPa ~ 0.02MPa
<b>Power Supply</b>	AC100V ± 10V 200VA Max.
<b>Pipe Connection</b>	JIS 5K 15A Flange for Inlet & Outlet

**Contact Details**
**Exclusive Agent :**
**Modern Automation & Engineering Pte Ltd**

No 238 Woodlands Industrial Park E5,

Woodlands Bizhub, Singapore 757301

Tel : +65 6451 6313 Fax : +65 6451 5501

Email : sales@modernautomation.com.sg

 Website : <http://www.modernautomation.com.sg>