MODERN AUTOMATION &
ENGINEERING PTE LTD

DAIICHI NEKKEN
MADE IN JAPAN

OXYGEN ANALYZER FOR N2 / INERT GAS GENERATOR

Single Unit Oxygen Analyzer



With over 40 years of experience, **Daiichi Nekken** Oxygen Analyzer is widely used onboard vessel on Inert Gas System (IGS) and Inert Gas Generator (IGG) Oxygen Analyzer. The TB-IIS has proven record in Marine Applications.

FEATURES :

- Detective element made of Zirconia Electrolyte
- Accepts the large flowing quantity of the sample (about 5L/min)
- Measurement of partial oxygen pressure in Vacuum Atmosphere
- It can be measured even if sample gas is dewy
- Simple structure, easy maintenance
- **Up to 3 Range of Alarm Settings**

The Zirconia Electrolyte Oxygen sensor works under the high temperature less than about 700°C and becomes able to move in stabilized zirconia.

TECHNICAL DATA	
Principal	Zirconia Electrolyte Cell
Construction	TB-IIS Sensor Unit, C-58 Control Unit
Measuring Range	0-25 % O_2
Output	D.C. 4~20mA, 0 ~ 1V
Accuracy	In less than ± 2% Full Scale
Repeatability	In less than ± 1% Full Scale
Response	90% reading 10 sec (Swinging to a High Density side)
Alarm	1) High Alarm : 4.0% O_2 / High-High Alarm : 5.0% O_2 2) High Alarm : 0.2% O_2 / High-High Alarm : 0.3% O_2 3) Low Alarm : 18%
Warm up Time	Approximate 20 Min
Ambient Temp	80°C max. for Sensor, -5 ~ 50°C for Control Unit
Ambient Humidity	0~85% max, non-condensing
Sample Temp	0~700°C (in Case of Guide Probe use)
Sample Pressure	0.01MPa ~ 0.02 MPa
Power Supply	100~240VAC 50/60H

EASY RETROFIT SOLUTION

CAN REPLACE ALL MODELS

EXISTING INLET / OUTLET PIPING CAN BE ADAPTED

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