

## Portable Oxygen Analyzer Model : TB-WI



### Features :

- Detective element made of Zirconia Electrolyte
- Wide range application, from 1ppm to 100%O<sub>2</sub>
- Output range can be selected freely
- Serial communication function is equipped normally
- 85V ~ 264VAC power can be applied

### TECHNICAL DATA

Model	TB-WI
Principle	Zirconia Electro-chemical Cell
Construction	SS Box, TB-IIP Sensor, C-201W Control Unit, pump, needle valve, flow meter, etc.
Measure Range	1ppm ~ 100% O <sub>2</sub>
Display	% : 0 ~ 99.99%O <sub>2</sub> / ppm : 0 ~ 9999ppmO <sub>2</sub>
Output	D.C. 4 ~ 20mA/ 0 ~ 1VDC/ 0 ~ 5VDC / 0 ~ 10VDC (Select one only) RS-232C
Range Change	Auto/ Manual/ Remote
Initial Setting	0 ~ 25%O <sub>2</sub> / 0 ~ 1000ppmO <sub>2</sub>
Response	90% reading 5sec. (Swinging to a high density side)
Alarm	Hi/Lo, Hi/H.Hi, Lo/L.Lo Failure : Disconnection of Heater, RTD (All of them are open collector output)
Linearity	The Larger either of less than $\pm 1\%$ FS or $\pm 1$ ppm
Repeatability	The Larger either of less than $\pm 1\%$ FS or $\pm 1$ ppm
Warm Up Time	About 10min
Drift	Less than $\pm 2\%$ FS / wk
Sampling	Supplying sample gas or vacuuming by inside pump
Sample Flow Rate	0.2 ~ 2 L/min
Sample Temp	100 °C
Power Supply	AC100V $\pm$ 10V 200VA Max.
Pipe Connection	RC1/4

### 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>