

ON-LINE Portable Oxygen Analyzer TB—WI series



What's TB-W I

Detective element is made of Zirconia electrolyte.

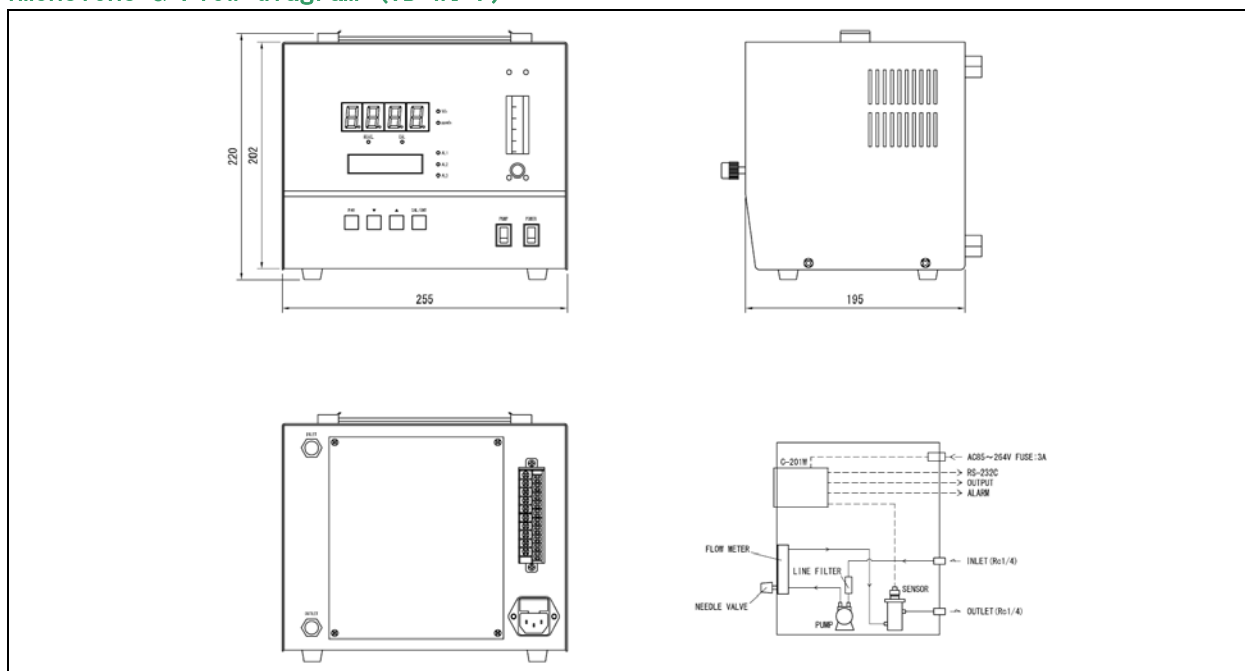
TB—IF—P sensor and C—201W control unit are installed altogether in a box for portable uses.

This analyzer can be used for every application where range of 1ppm to 100%.

Feature

- ◎ Wide range application, from 1ppm to 100%O₂.
- ◎ Output range can select freely.
- ◎ Serial communication function is equipped normally.
- ◎ 85V~264VAC power supply can be applied.

Dimensions & Flow diagram (TB-WI-P)



Specifications

Principle	Zirconia electro-chemical cell	
Model	TB-WI	SS box, TB-II P sensor, C-201W control unit, flow meter
	TB-WI-P	SS box, TB-II P sensor, C-201W control unit, flow meter Sampling pump (MF-1 pump)
	TB-WI-PR	SS box, TB-II P sensor, C-201W control unit, flow meter Sampling pump (MF-1 pump), Mist separator, Charcoal filter
Measuring range	1ppm~100%O ₂	
Display	% : 0~99.99%O ₂	
	ppm : 0~9999ppmO ₂	
Output	4~20mA DC/0~1VDC/0~5VDC/0~10VDC (Select the one of them) RS-232C	
Range change	Auto/Manual/Remote	
Initial setting	0~25%O ₂ /0~1000ppmO ₂	
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 $\pm 1ppm$	
Repeatability	The Larger either of less than $\pm 1\%FS$ or $\pm 1ppm$	
Response	90% reading 5sec. (Swinging to a high density side)	
Drift	Less than $\pm 2\%FS/wk$	
Piping	Rc1/4	
Sampling	Supplying sample gas or vacuuming by inside pump	
Sample Flow Rate	0.2~2L/min	
Sample Temp.	100°C	
Warm up time	About 10min.	
AC Power	85~264VAC	
Accessory	Power supply code	

※For the improvement, the specification and design may be changed without prior notice.

Inquiry

Daiichi Nekken CO., LTD

13-22 Nishikura-Cyo Ashiya-City
Hyogo-Prefecture Japan
TEL 0797-31-2410 / FAX 0797-31-8951
URL <http://www.daiichinekken.co.jp>
E-mail info@daiichinekken.co.jp