

Guide probe for Oxygen sensor TB-II G



Feature

- *The utility is minimum, because of sampling which used a sample gas stream.*
- *It is possible to select low dust type or high dust type*
- *Simple structure, easy maintenance at the site*

Application

- *Boiler*
- *Metal industry each process*
- *Non-metal industry each process*
- *Ceramics furnace*
- *Incinerator furnace*
- *Other high temp. exhaust gas etc.*

What's Guide probe

The guide probe is a sampling equipment which uses a flow of sampling gas. At first TB-II G sensor should be screwed into the sensor port. And it is installed in the short-pipe and the flange which was built in the measuring point where has a flow such as a flue. Sample gas is introduced from sample port of the tip of the probe, and led to the sensor along the guide probe. Then sample gas is discharged to the sample exit in the downstream side. It can be mounted vertical or horizontal on the flue wall. ※Please consider about the length of short-pipe so that the temperature of the sample gas is less than 350°C in the sensor installation point.

Specification

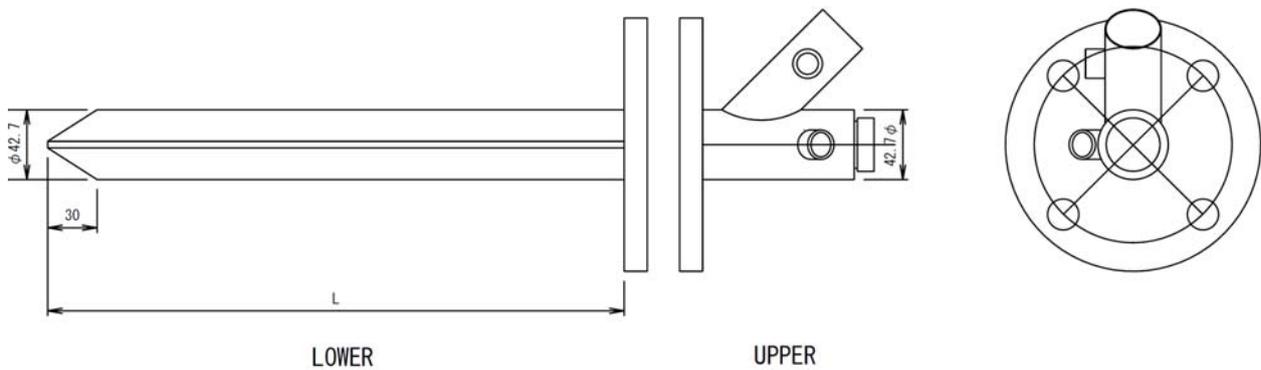
Material	Low dust type : SUS316 / High dust type : SUS316L
Installation	Low dust type : JIS5K50A~ / High dust type : JIS5K80A~
Length	As your specification (MAX. 1500mm)
Gas temp.	700°C max
Gas pressure	±5kPa
Connection	Rc1/4

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

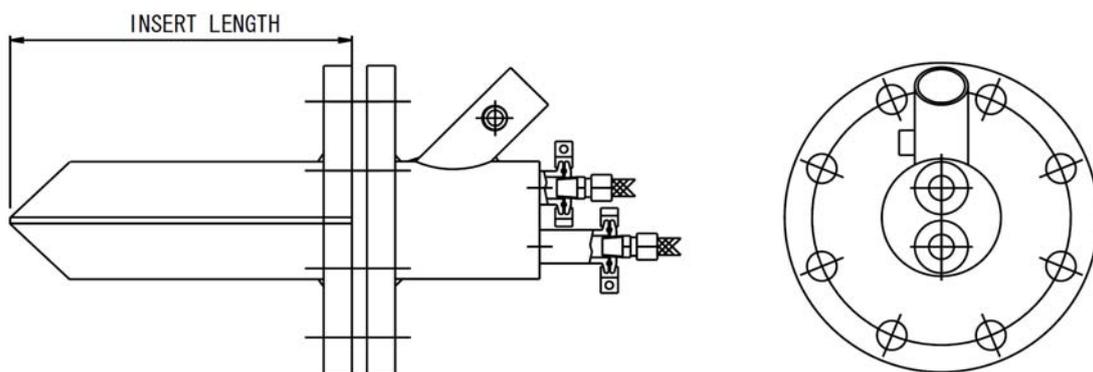
Dimensions

TYPE	A	B	C
	AB-□-□□-□□-□□□□		
A. Type	1:Low dust type 2 : High dust type		
B. Flange size	ex. JIS5K50A : 05-50		
C. Insert length	Ex. 500mm : 0500		

Dimensions (Low dust type)



Dimensions (High dust type)



Air / Calibration gas supply unit (BC type)

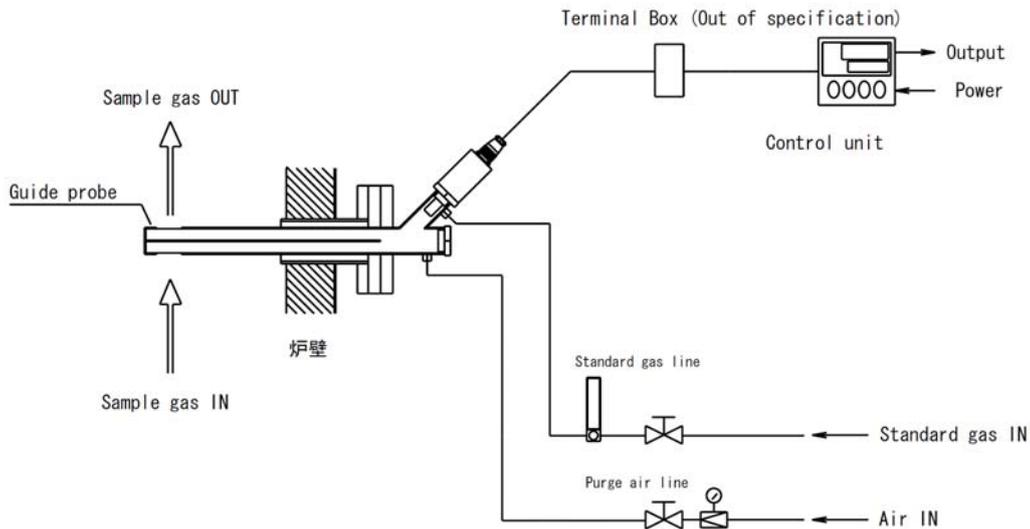
Air supply unit incorporates aspirator air, purge air, SPAN calibration air and standard gas compactly. 2 types can be chosen from to the style which is convenient for into the existing box built-in and the indoor tapestry. Choose according to the installation site.

TYPE I	Purging automatically with the signal from the timer. (installed into the panel box)
TYPE II	Each valve is operated manually.

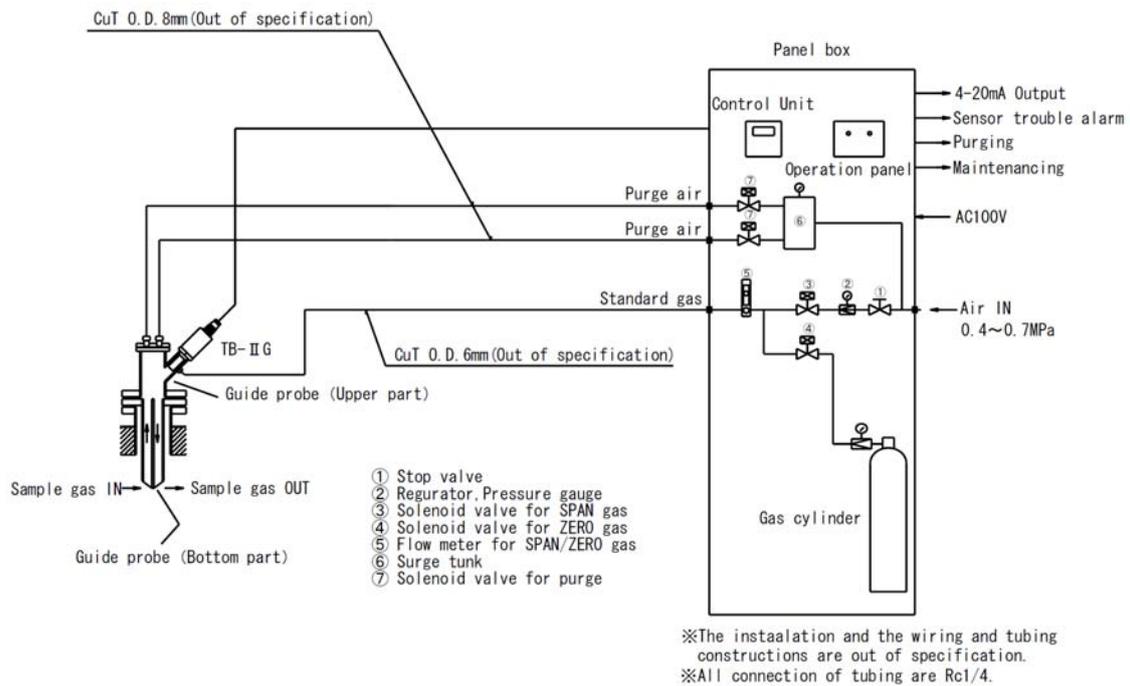
TYPE	A B ABC-1-□-□
A. Type	1. Automatic purge 2. Manual purge
B. Installation	1. Plate 2. Exclusive box

Flow diagram

Tubing example



Panel box type example



Inquiry

 Daiichi Nekken Co.,Ltd.

13-22 Nishikura-Cyo, Ashiya-City,
 Hyogo-Prefecture, Japan ZIP:659-0026
 TEL 0797-31-2410 / FAX 0797-31-8951
 URL <http://www.daiichinekken.co.jp>
 E-mail info@daiichinekken.co.jp