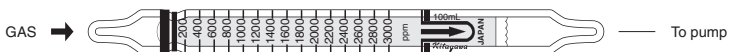


Tube No.
121SS

PHOSPHINE



1. PERFORMANCE

- | | | |
|--------------------------|---|---------------|
| 1) Measuring range | : 200-3,000 ppm | 400-6,000 ppm |
| Number of pump strokes | 1 (100ml) | 1/2 (50ml) |
| 2) Sampling time | : 1 minute/1 pump stroke | |
| 3) Detectable limit | : 5 ppm (100ml) | |
| 4) Shelf life | : 3 years | |
| 5) Operating temperature | : 0 ~ 40 °C | |
| 6) Reading | : Direct reading from the scale calibrated by 1 pump stroke | |
| 7) Colour change | : White → Orange | |

2. RELATIVE STANDARD DEVIATION

RSD-low : 10 % RSD-mid. : 5 % RSD-high : 5 %

3. CHEMICAL REACTION

Potassium iodate is reduced.



4. CALIBRATION OF THE TUBE

STANDARD GAS CYLINDER METHOD

5. INTERFERENCE AND CROSS SENSITIVITY

Substance	Interference	%	Coexistence
Carbon dioxide	The accuracy of readings is not affected.	100	The accuracy of readings is not affected.
Methyl bromide	∕	less than 3	∕
Hydrogen cyanide	∕	3	The stained layer at the side of the gas inlet is bleached out and higher readings are given.
Ammonia	∕	0.6	∕

(NOTE)

In case of 1/2 pump strokes, the following formula is available for the actual concentration.

Actual concentration = 2 × Reading value