



1. PERFORMANCE

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|-----------------------------|--|-------------|------------|------------|
| 1) Measuring range | : 4.2-84 ppm | 9.2-184 ppm | 20-400 ppm | 42-840 ppm |
| Number of pump strokes | 4 (400mℓ) | 2 (200mℓ) | 1 (100mℓ) | 1/2 (50mℓ) |
| 2) Sampling time | : 1.5 minutes/1 pump stroke | | | |
| 3) Detectable limit | : 0.5 ppm (4 pump strokes) | | | |
| 4) Shelf life | : 1 year (Necessary to store in refrigerated conditions ; 0 ~ 10 °C) | | | |
| 5) Operating temperature | : 5 ~ 40 °C | | | |
| 6) Temperature compensation | : Necessary (See "TEMPERATURE CORRECTION TABLE") | | | |
| 7) Reading | : Direct reading from the scale calibrated by 1 pump stroke | | | |
| 8) Colour change | : Yellow → Red | | | |

2. RELATIVE STANDARD DEVIATION

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

3. CHEMICAL REACTION

Hydrogen chloride is produced by an Oxidizer and PH indicator is discoloured.



4. CALIBRATION OF THE TUBE

GAS CHROMATOGRAPHY

5. INTERFERENCE AND CROSS SENSITIVITY

Substance	Interference	ppm	Coexistence
Trichloroethylene	Similar stain is produced.	3	Higher readings are given.
Vinyl chloride	∕	300	∕
Hydrogen chloride	∕	10	∕
Chlorine	Pale red stain is produced.	15	∕

(NOTE)

This tube is calibrated based on Cis-1,2-Dichloroethylene.

In case of trans-1,2-Dichloroethylene measurement, correct the reading value by the temperature correction table if necessary, then multiply the value by 1.1.

TEMPERATURE CORRECTION TABLE

Tube Readings (ppm)	Corrected Concentration (ppm)	
	5 °C (41 °F)	10 °C ~ 40 °C (50 °F ~ 104 °F)
400	475	400
350	415	350
300	355	300
250	295	250
200	235	200
150	175	150
100	115	100
50	55	50
20	20	20