

1. PERFORMANCE

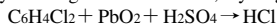
- 1) Measuring range : 0.01-0.40 ppm
- 2) Sampling volume : 3L (200mL/min × 15min)
- 3) Sampling time : 15 minutes
- 4) Detectable limit : 0.002 ppm
- 5) Shelf life : 1 year
- 6) Operating temperature : 10 ~ 35°C
- 7) Temperature compensation : Necessary (See "TEMPERATURE CORRECTION COEFFICIENT TABLE")
- 8) Operating humidity : 0 ~ 90%R.H.
- 9) Reading : Direct reading from the scale calibrated at the sampling of 200mL/min × 15min
- 10) Colour change : Orange → Reddish purple

2. RELATIVE STANDARD DEVIATION

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

3. CHEMICAL REACTION

By reacting with an oxidizer, Hydrogen chloride is produced and pH indicator is discoloured.



4. CALIBRATION OF THE TUBE

GAS CHROMATOGRAPHY

5. INTERFERENCE AND CROSS SENSITIVITY

Substance	Interference	Coexistence
Trichloroethylene	Similar stain is produced.	Higher readings are given.
Tetrachloroethylene	∕	∕
1,2-Dichloroethylene	∕	∕
Vinyl chloride	∕	∕

(NOTE)

Air sampler is required for this tube.

TABLE OF THE COEFFICIENT FOR TEMPERATURE CORRECTION (20°C standard)

Temp(C)	0	1	2	3	4	5	6	7	8	9
10	2.13	1.95	1.78	1.63	1.50	1.38	1.28	1.19	1.11	1.05
20	1.00	0.95	0.92	0.88	0.84	0.81	0.78	0.75	0.73	0.72
30	0.70	0.69	0.68	0.68	0.67	0.66	—	—	—	—