

1. PERFORMANCE

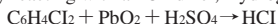
- 1) Measuring range : 10-150 ppm
Number of pump strokes : 1 (100mℓ)
- 2) Sampling time : 1.5 minutes/1 pump stroke
- 3) Detectable limit : 6 ppm
- 4) Shelf life : 1 year (Necessary to store in refrigerated conditions ; 0 ~ 10 ℃)
- 5) Operating temperature : 0 ~ 40 ℃
- 6) Temperature compensation : Necessary (See "TEMPERATURE CORRECTION TABLE")
- 7) Reading : Direct reading from the scale calibrated by 1 pump stroke
- 8) Colour change : White → Blueish purple

2. RELATIVE STANDARD DEVIATION

RSD-low : 15 % 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
Benzene	The accuracy of reading is not affected.	The accuracy of reading is not affected.
Toluene	∕	∕
Xylene	∕	
Trichloroethylene	Similar stain is produced.	Higher readings are given.
Tetrachloroethylene	∕	∕
Chlorobenzene	∕	∕
o-Dichlorobenzene	∕	∕

TEMPERATURE CORRECTION TABLE

Tube Readings (ppm)	Corrected Concentration (ppm)						
	10 ℃ (50 ℉)	15 ℃ (59 ℉)	20 ℃ (68 ℉)	25 ℃ (77 ℉)	30 ℃ (86 ℉)	35 ℃ (95 ℉)	40 ℃ (104 ℉)
150	—	—	150	108	66	48	30
100	—	—	100	72	46	37	26
50	110	80	50	28	26	21	16
20	50	27	20	14	10	8	6
10	22	15	10	8	6	5	4