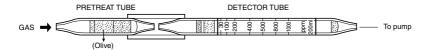
DICHLOROMETHANE



1. PERFORMANCE

1) Measuring range Number of pump strokes 2) Sampling time 30-1,000 ppm $2(200 \text{m} \ell)$ 4 $(400 \text{m} \ell)$ 1.5 minutes/1 pump stroke

3) Detectable limit : $5 \text{ ppm} (400 \text{m} \ell)$

4) Shelf life : 2 years (Necessary to store in a refrigerated place; $0 \sim 10^{\circ}$ C)

5) Operating temperature : $5 \sim 40 \,^{\circ}\text{C}$

6) Temperature compensation : Necessary (See "TEMPERATURE CORRECTION TABLE") 7) Reading : Direct reading from the scale calibrated by 2 pump strokes

8) Colour change : White→Reddish orange

2. RELATIVE STANDARD DEVIATION

RSD-low: 15% RSD-mid.: 15% RSD-high: 15%

3. CHEMICAL REACTION

Chlorine is produced an Oxidizer. By reacting between this Chlorine and o-Toluidine, Orthoquinone is produced. CH₃OCI₃ + CrO₃ + H₂SO₄→ CI₂

4. CALIBRATION OF THE TUBE

GAS CHROMATOGRAPHY

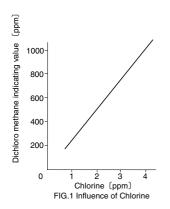
5. INTERFERENCE AND CROSS SENSITIVITY

Substance	Interference	Coexistence
Halogens or Halogenated hydrocarbons FIG.1	Similar stain is produced.	Higher readings are given.

(NOTE)

When the concentration is below 200 ppm, 4 pump strokes can be used to determine the lower concentration Following formula is available for the actual concentration.

Actual concentration = $1/3 \times$ Temperature corrected value.



TEMPERATURE CORRECTION TABLE

Scale	True Concentration (ppm)								
Readings (ppm)	5℃ (41°F)	10°C (50°F)	15℃ (59°F)	20°C (68°F)	25°C (77* F)	30°C (86°F)	35℃ (95°F)	40 °C (104 °F)	
1,000	_	-	1,230	1,000	820	670	550	450	
800	-	1,190	990	800	660	530	440	360	
600	1,120	900	740	600	500	400	330	270	
400	720	600	500	400	330	260	220	180	
200	360	300	250	200	165	135	110	90	
100	170	145	120	100	80	65	50	45	
30	50	45	35	30	25	20	15	10	