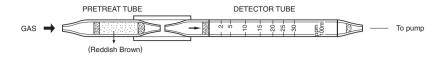
2,2'-D,ICHLOROETHYL ETHER



1. PERFORMANCE

1) Measuring range 2-30 ppmNumber of pump strokes $1(100 \text{m} \ell)$

2) Sampling time : 40 seconds/1 pump stroke

3) Detectable limit : 0.5 ppm4) Shelf life : 1 year5) Operating temperature $: 0 \sim 40 \text{ °C}$

6) Temperature compensation : Necessary (See "TEMPERATURE CORRECTION TABLE") 7) Reading : Direct reading from the scale calibrated by 1 pump stroke

8) Colour change : Greenish yellow→Pink

2. RELATIVE STANDARD DEVIATION

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

3. CHEMICAL REACTION

By decomposing with an Oxidizer, Hydrogen chloride is produced and PH indicator is discoloured. (CICH₂CH₂)₂O + CrO₃ + H₂SO₄→ 2HCI

4. CALIBRATION OF THE TUBE

DIFFUSION TUBE METHOD

5. INTERFERENCE AND CROSS SENSITIVITY

Substance	Interference	Coexistence			
Halogenated hydrocarbons	Similar stain is produced.		Higher readings are given.		
Aliphatic hydrocarbons (more than C ₃)	The accuracy of readings is not affected.	less than 500	The accuracy of readings is not affected.		
Aromatic hydrocarbons	"	less than 300	"		
Alcohols	"	less than 100	"		
Esters	"	less than 300	"		

TEMPERATURE CORRECTION TABLE

Tube	Corrected Concentration (ppm)								
Readings (ppm)	0°C (32°F)	10 °C (50 °F)	15 °C (59 °F)	20 °C (68 °F)	25 ℃ (77 °F)	30 °C (86 °F)	35 °C (95 °F)	40 °C (104 °F)	
30	-	49	37	30	24	19	14	9	
25	45	35	30	25	20	16	12	8	
20	32	27	23	20	17	13	10	6	
15	21	19	17	15	13	10	7	5	
10	14	13	12	10	9	7	5	4	
5	7	6	6	5	4	3	2	1	
2	3	3	2	2	2	1	1	1	