



1. PERFORMANCE

- 1) Measuring range : 2-25 ppm
Number of pump strokes : 5 (500ml)
- 2) Sampling time : 5 minutes/5 pump strokes
- 3) Detectable limit : 0.5 ppm
- 4) Shelf life : 1 year
- 5) Operating temperature : 10 ~ 40 °C
- 6) Operating Humidity : Not affected at 20 ~ 90 % RH
- 7) Reading : Direct reading from the scale calibrated by 5 pump strokes
- 8) Colour change : White → Black

2. RELATIVE STANDARD DEVIATION

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

3. CHEMICAL REACTION

By reacting with Chromic acid, Polymer is produced.

4. CALIBRATION OF THE TUBE

DIFFUSION TUBE METHOD

TEMPERATURE CORRECTION TABLE

Scale Readings (ppm)	True Concentration (ppm)				
	0 °C (32 ° F)	10 °C (50 ° F)	20 °C (68 ° F)	30 °C (86 ° F)	40 °C (104 ° F)
60	—	—	60	35	25
50	—	—	50	30	22
40	—	80	40	25	15
30	—	50	30	20	10
20	50	30	20	14	7
15	30	20	15	10	5
10	15	12	10	7	3
5	7	6	5	4	2
2	2	2	2	2	2