



1. PERFORMANCE

- 1) Measuring range : 1-60 ppm
Number of pump strokes : 3 (300mℓ)
- 2) Sampling time : 4.5 minutes/3 pump strokes
- 3) Detectable limit : 0.5 ppm
- 4) Shelf life : 1 year
- 5) Operating temperature : 0 ~ 40 °C
- 6) Temperature compensation : Necessary (See "TEMPERATURE CORRECTION TABLE")
- 7) Reading : Direct reading from the scale calibrated by 3 pump strokes
- 8) Colour change : Pale yellow → Pale blue

2. RELATIVE STANDARD DEVIATION

RSD-low : 10% RSD-mid. : 5% RSD-high : 5%

3. CHEMICAL REACTION

Chromium oxide is reduced.



4. CALIBRATION OF THE TUBE

DIFFUSION TUBE METHOD

5. INTERFERENCE AND CROSS SENSITIVITY

Substance	Interference	Coexistence
Ethyl alcohol	Similar stain is produced.	Higher readings are given.

TEMPERATURE CORRECTION TABLE

Temperature ; To correct for temperature, multiply the tube reading by the following factors.

Temperature (°C)	0	1	2	3	4	5	6	7	8	9
Correction Factor	1.86	1.81	1.75	1.70	1.65	1.60	1.55	1.50	1.46	1.41
Temperature (°C)	10	11	12	13	14	15	16	17	18	19
Correction Factor	1.37	1.33	1.29	1.25	1.21	1.17	1.13	1.10	1.06	1.03
Temperature (°C)	20	21	22	23	24	25	26	27	28	29
Correction Factor	1.00	0.97	0.95	0.92	0.90	0.88	0.86	0.84	0.82	0.81
Temperature (°C)	30	31	32	33	34	35	36	37	38	39
Correction Factor	0.79	0.78	0.77	0.76	0.76	0.75	0.75	0.74	0.74	0.73
Temperature (°C)	40									
Correction Factor	0.73									