

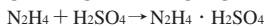
1. PERFORMANCE

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|-----------------------------|--|-----------|--------------|
| 1) Measuring range | : 0.2-10 ppm | 0.1-5 ppm | 0.05-2.5 ppm |
| Number of pump strokes | 2 (200mℓ) | 4 (400mℓ) | 8 (800mℓ) |
| 2) Sampling time | : 4 minutes/4 pump strokes | | |
| 3) Detectable limit | : 0.02 ppm (800mℓ) | | |
| 4) Shelf life | : 2 years | | |
| 5) Operating temperature | : 0 ~ 40 °C | | |
| 6) Temperature compensation | : Necessary (See "TEMPERATURE CORRECTION TABLE") | | |
| 7) Reading | : Direct reading from the scale calibrated by 2 pump strokes | | |
| 8) Colour change | : Yellow → Blue | | |

2. RELATIVE STANDARD DEVIATION

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

3. CHEMICAL REACTION



4. CALIBRATION OF THE TUBE

ABSORPTIOMETRIC METHOD

5. INTERFERENCE AND CROSS SENSITIVITY

Substance	Interference	Coexistence
Amines	Similar stain is produced.	Higher readings are given.
Ammonia	∕	∕

(NOTE)

In case of 2 pump strokes, following formula is available for the actual concentration.

Actual concentration = Temperature corrected value × 2

In case of 8 pump strokes, following formula is available for the actual concentration.

Actual concentration = Temperature corrected value × 1/2

TEMPERATURE CORRECTION TABLE

Tube Readings (ppm)	Corrected Concentration (ppm)				
	0 °C (32 °F)	10 °C (50 °F)	20 °C (68 °F)	30 °C (86 °F)	40 °C (104 °F)
5.0	7.0	6.0	5.0	4.5	4.0
4.0	5.6	4.7	4.0	3.6	3.2
3.0	4.2	3.6	3.0	2.7	2.4
2.0	2.8	2.4	2.0	1.8	1.6
1.0	1.3	1.2	1.0	0.9	0.8
0.5	0.5	0.5	0.5	0.45	0.4
0.1	0.1	0.1	0.1	0.1	0.1