

1. PERFORMANCE

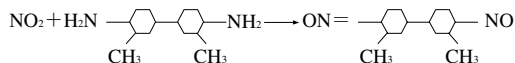
- 1) Measuring range : 0.5-30 ppm
Number of pump strokes : 2 (200mℓ)
- 2) Sampling time : 1.5 minutes/2 pump strokes
- 3) Detectable limit : 0.1 ppm
- 4) Shelf life : 1 year
- 5) Operating temperature : 0 ~ 40 ℃
- 6) Reading : Direct reading from the scale calibrated by 2 pump strokes
- 7) Colour change : White → Yellowish orange

2. RELATIVE STANDARD DEVIATION

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

3. CHEMICAL REACTION

By reacting with *o*-Toluidine, Nitroso-*o*-Toluidine (dyestuff) is produced.



4. CALIBRATION OF THE TUBE

PERMEATION TUBE METHOD

5. INTERFERENCE AND CROSS SENSITIVITY

Substance		Interference	ppm	Coexistence
Chlorine	FIG.1	Similar stain is produced.	2	Higher readings are given.
Bromine		∕	2	∕
Iodine		∕	2	∕
Nitrogen monoxide	FIG.2	The accuracy of readings is not affected.	15	∕

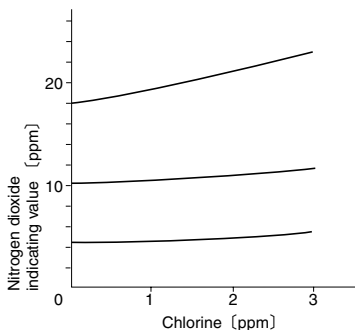


FIG.1 Influence of Chlorine

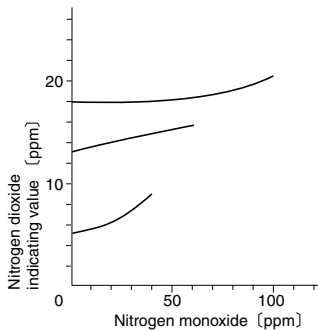


FIG.2 Influence of Nitrogen monoxide