



## 1. PERFORMANCE

- 1) Measuring range : 0.5-5 mg/m<sup>3</sup>  
Number of pump strokes : 5 (500mℓ)
- 2) Sampling time : 100 seconds/5 pump strokes
- 3) Detectable limit : 0.2 mg/m<sup>3</sup>
- 4) Shelf life : 1 year (Necessary to store in a refrigerated place ; 0 ~ 10 °C)
- 5) Operating temperature : 5 ~ 40 °C
- 6) Temperature compensation : Necessary (See "TEMPERATURE CORRECTION TABLE")
- 7) Reading : Direct reading from the scale calibrated by 5 pump strokes
- 8) Colour change : Yellow → Pink

## 2. RELATIVE STANDARD DEVIATION

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

## 3. CHEMICAL REACTION

The pH indicator is discoloured.

## 4. CALIBRATION OF THE TUBE

ION CHROMATOGRAPHY.

## 5. INTERFERENCE AND CROSS SENSITIVITY

Substance	Interference	Coexistence
Hydrogen chloride	Similar stain is produced.	Higher readings are given.
Hydrogen flouride	∕	∕
Nitrogen dioxide	∕	∕
Chlorine	∕	∕
Acetaldehyde	∕	∕
Hydrogen sulphide	The accuracy of readings is not affected.	∕
Sulphur dioxide	∕	∕

TEMPERATURE CORRECTION TABLE

Temperature	5 °C (41 ° F)	10 °C (50 ° F)	20 °C (68 ° F)	30 °C (86 ° F)	40 °C (104 ° F)
Correction Factor	7.0	6.0	5.0	4.5	4.0