



## 1. PERFORMANCE

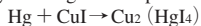
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|--------------------------|--|--------------------------|
| 1) Measuring range       | : 0.5-10mg/m <sup>3</sup>                                    | 0.1-2.0mg/m <sup>3</sup> |
| Number of pump strokes   | 1 (100mℓ)  | 5 (500mℓ)                |
| 2) Sampling time         | : 5 minute s/5 pump strokes                                  |                          |
| 3) Detectable limit      | : 0.02 mg/m <sup>3</sup> (500mℓ)                             |                          |
| 4) Shelf life            | : 3 years  |                          |
| 5) Operating temperature | : 0 ~ 40 °C  |                          |
| 6) Reading               | : Direct reading from the scale calibrated by 5 pump strokes |                          |
| 7) Colour change         | : Grey → Pale orange   |                          |

## 2. RELATIVE STANDARD DEVIATION

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

## 3. CHEMICAL REACTION

By reacting with Cupric iodide (II), Cupric mercury iodide is produced.



## 4. CALIBRATION OF THE TUBE

DIFFUSION TUBE METHOD

## 5. INTERFERENCE AND CROSS SENSITIVITY

Substance	Interference	ppm	Coexistence
Chlorine	The accuracy of readings is not affected.	0.1	Lower readings are given.
Hydrogen chloride	∕	0.5	∕
Nitrogen dioxide	Brown stain is produced.	0.1	∕
Hydrogen Sulphide	∕	0.5	∕

Coexistence of less than 2ppm of Chlorine does not affect the readings if Tube No.109SB Chlorine detector tube is connected as a pretreat tube.

(NOTE)

In case of 1 pump stroke, actual concentration is calculated with five times of reading value.