



### 1. PERFORMANCE

- |                          |   |
|--------------------------|---|
| 1) Measuring range       | : 5-100 ppm   |
| 2) Detectable limit      | : 3 ppm   |
| 3) Shelf life            | : 2 years   |
| 4) Operating temperature | : 0 ~ 40 °C   |
| 5) Reading               | : Direct reading from the scale printed on the tube |
| 6) Colour change         | : Yellow → Dark brown                               |

### 2. RELATIVE STANDARD DEVIATION

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

### 3. CHEMICAL REACTION

Pottasium disulphate palladate (II) is reduced and Palladium is liberated.  
 $\text{CO} + \text{K}_2\text{Pd}(\text{SO}_3)_2 \rightarrow \text{Pd}$

### 4. CALIBRATION OF THE TUBE

STANDARD GAS CYLINDER METHOD

### 5. PRESET/MEASUREMENT CONDITIONS

#### PRESET CONDITION

- |                 |                                   |
|-----------------|-----------------------------------|
| 1) 2nd pressure | : 0.6 kg/cm <sup>2</sup> (60 Kpa) |
| 2) Flow rate    | : 2.0 ℓ/min.                      |

#### MEASUREMENT CONDITION

Sampling time : 2.0 minutes

See specific instructions for Sensidyne hardware