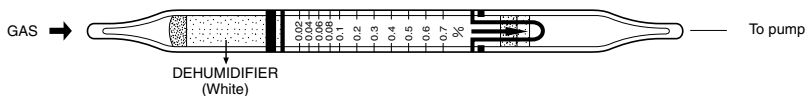


Tube No.  
**126SG**

# CARBON DIOXIDE



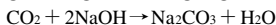
## 1. PERFORMANCE

- |                          |   |            |
|--------------------------|---|------------|
| 1) Measuring range       | : 0.02-0.7 %  | 0.04-1.4 % |
| Number of pump strokes   | 1 (100mℓ)   | 1/2 (50mℓ) |
| 2) Sampling time         | : 1.5 minutes/1 pump stroke                                 |            |
| 3) Detectable limit      | : 0.001 %   |            |
| 4) Shelf life            | : 1 year  |            |
| 5) Operating temperature | : 0 ~ 40 °C   |            |
| 6) Reading               | : Direct reading from the scale calibrated by 1 pump stroke |            |
| 7) Colour change         | : Pink → Yellow   |            |

## 2. RELATIVE STANDARD DEVIATION

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

## 3. CHEMICAL REACTION



## 4. CALIBRATION OF THE TUBE

STANDARD GAS CYLINDER METHOD

## 5. INTERFERENCE AND CROSS SENSITIVITY

Substance	Interference	Coexistence
Hydrogen cyanide	Similar stain is produced.	Higher readings are given.
Hydrogen chloride	Under the TLV conc.	The accuracy of readings is not affected.
Chlorine	∕	∕
Hydrogen sulphide	∕	∕
Nitrogen dioxide	∕	∕
Sulphur dioxide	∕	∕
Ammonia	∕	∕

### (NOTE)

In case of 1/2 pump strokes, following formula is available for the actual concentration.

Actual concentration = 2 × Reading value