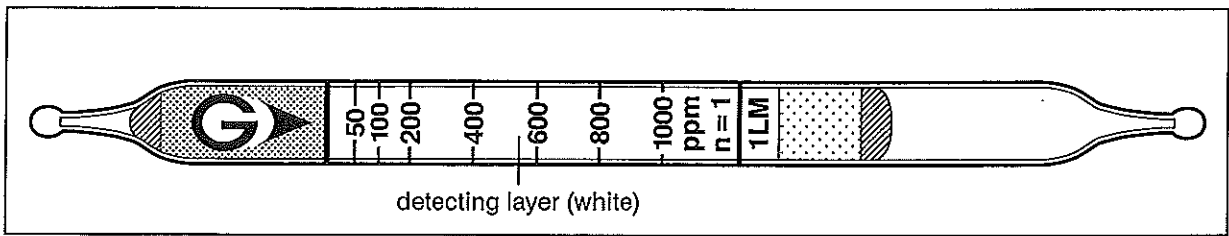


# Carbon Monoxide CO

No.1LM



## Performance

|                        |              |                |                  |
|------------------------|--------------|----------------|------------------|
| Measuring range        | 25 to 50 ppm | 50 to 1000 ppm | 1000 to 2000 ppm |
| Number of pump strokes | 2 (200 ml)   | 1 (100 ml)     | 1/2 (50 ml)      |
| Correction factor      | 1/2          | 1              | 2                |
| Sampling time          | 1.5 min      | 45 sec         | 30 sec           |

Detecting limit : 5 ppm (2 pump strokes)

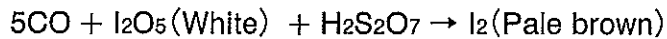
Colour change : White → Pale brown / Pale green (dual layers)

Corrections for temperature & humidity : Unnecessary

Relative standard deviation : 10 % (for 50 to 200 ppm), 5 % (for 200 to 1000 ppm)

Shelf life : 3 years

## Reaction principle



## Possible coexisting substances and their interferences (NOTE : Page 2-5)

| Substance               | Concentration | Interference | Changes colour by itself to |
|-------------------------|---------------|--------------|-----------------------------|
| Hydrogen                |               | No           | No                          |
| Acetylene, Olefins      |               | +            | } Pale brown                |
| Propane, Butane, Hexane |               | +            |                             |

## Calibration gas generation

High pressure gas cylinder method