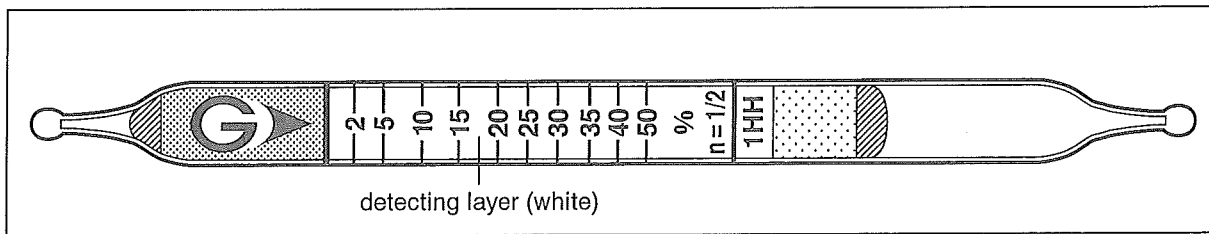


# Carbon Monoxide CO

No. 1HH



## Performance

|                        |            |             |
|------------------------|------------|-------------|
| Measuring range        | 1 to 2 %   | 2 to 50 %   |
| Number of pump strokes | 1 (100 ml) | 1/2 (50 ml) |
| Correction factor      | 1/2        | 1           |
| Sampling time          | 2 min      | 1 min       |

Detecting limit : 0.5 % (1 pump stroke)  
 Colour change : White → Blackish brown  
 Corrections for temperature & humidity : Unnecessary  
 Relative standard deviation : 10 % (for 2 to 15 %), 5 % (for 15 to 50 %)  
 Shelf life : 3 years

## Reaction principle



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

| Substance                     | Concentration | Interference | Changes colour by itself to |
|-------------------------------|---------------|--------------|-----------------------------|
| Acetylene                     | ≥ 0.2 %       | +            | Blackish brown              |
| Olefins (Ethylene, Propylene) | ≥ 2/3         | +            | Brown                       |
| Butane                        | ≥ 1%          | +            | } Pale brown (whole layer)  |
| Propane                       | ≥ 20 %        | +            |                             |

## Calibration gas generation

High pressure gas cylinder method