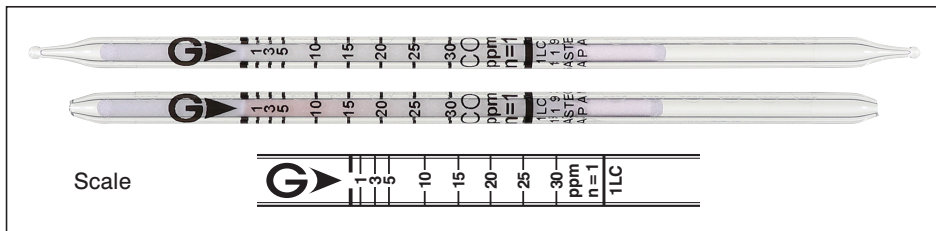


Carbon Monoxide CO

No.1LC



Performance

| | |
|---|--|
| Measuring range | 1 to 30 ppm |
| Number of pump strokes | 1 (100 mL) |
| Correction factor | 1 |
| Sampling time | 4 min |
| Detecting limit : | 0.5 ppm (1 pump stroke) |
| Colour change : | White → Pale pink |
| Operating conditions : | Temperature 0 to 40 °C (32 to 104 °F) correction used Relative humidity 0 to 90 % correction not used |
| Relative standard deviation : | 10 % (for 1 to 10 ppm), 5 % (for 10 to 30 ppm) |
| Tube quantity and number of tests per box : | 10 tubes for 10 tests |
| Shelf life : | 24 months |

Reaction principle

CO + Palladium salt → Reaction product

Possible coexisting substances and their interferences

| Substance | Concentration: | Interference | Changes colour by itself to |
|------------------|----------------|--------------|-----------------------------|
| Ammonia | | No | } No |
| Sulphur dioxide | IV 1/20 | - | |
| Nitrogen dioxide | IV 1/20 | + | |

Calibration gas generation

High pressure gas cylinder method