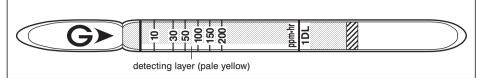
Carbon Monoxide CO No.1DL



Performance

Measuring range	0.4 to 400 ppm
Sampling time	0.5 to 24 hours

Colour change: Pale yellow → Brown

Corrections for temperature & humidity: Unnecessary

Relative standard deviation: 10 % (for 10 to 200 ppm·hr) Shelf life: 2 years (in the refrigerator)

Reaction principle

 $CO + Na_2Pd(SO_3)_2 \rightarrow Pd + CO_2 + SO_2 + Na_2SO_3$

Possible coexisting substances and their interferences

Substance	Concentration	Interference	Changes colour by itself to
Nitrogen monoxide	≤ 1/10	No	No
Sulphur dioxide	≦ 1/1	No	No
Nitrogen dioxide	≦ 1/20	No	Brown

Calibration gas generation

High pressure gas cylinder method