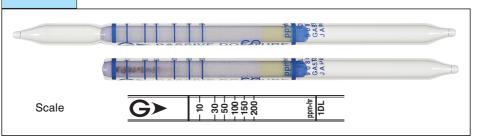
Dosi-tube

# Carbon Monoxide CO No.1DL



#### Performance

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

Pale yellow → Brown Colour change:

Operating conditions: Temperature 0 to 40 °C (32 to 104 °F) correction not used

Relative humidity 20 to 90 % correction not used

Relative standard deviation: 10 % (for 10 to 200 ppm·hr)

Tube quantity and number of tests per box: 10 tubes for 10 tests

Shelf life: 24 months (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