

Dosi-tube

Carbon Monoxide CO No.1DL



detecting layer (pale yellow)

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



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