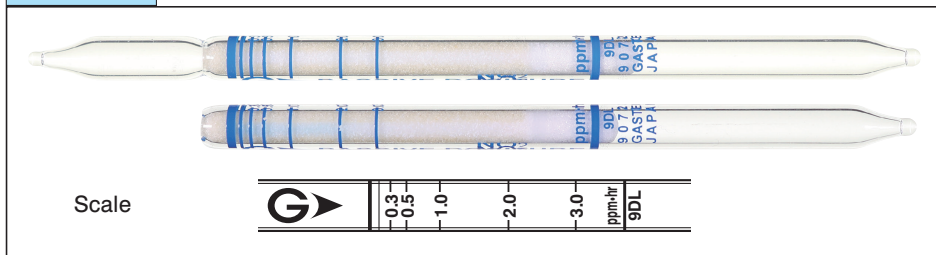


Dosi-tube

Nitrogen Dioxide NO₂ No.9DL



Performance The minimum scale value (0.1ppm·hr) is not printed on the tube, but only the scale line is printed.

Measuring range	0.01 to 3.0 ppm
Sampling time	1 to 24 hours
Colour change :	White → Green
Operating conditions :	Temperature 0 to 40 °C (32 to 104 °F) correction not used Relative humidity 0 to 90 % correction not used
Relative standard deviation :	10 % (for 0.1 to 3.0 ppm·hr)
Tube quantity and number of tests per box :	10 tubes for 10 tests
Shelf life :	12 months (in the refrigerator)

Reaction principle

ABTS + NO₂ → Reaction product

Possible coexisting substances and their interferences

Substance	Concentration:	Interference	Changes colour by itself to
Carbon monoxide	≤ 10 ppm	No	No
Chlorine	≤ 0.07 ppm	No	No
Ozone	≤ 0.045 ppm	No	No
Sulphur dioxide			No
Carbon dioxide	≤ 600 ppm	No	No
Formaldehyde			No

Calibration gas generation

Permeation tube method