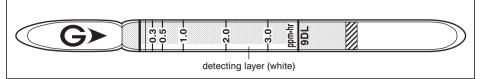
Dosi-tube

## 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 range0.01 to 3.0 ppmSampling time1 to 24 hours

Colour change : White → Green Corrections for temperature & humidity : Unnecessary

Relative standard deviation: 10 % (for 0.1 to 3.0 ppm·hr)
Shelf life: 1 year (in the refrigerator)

## Reaction principle

ABTS + NO<sub>2</sub>  $\rightarrow$  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