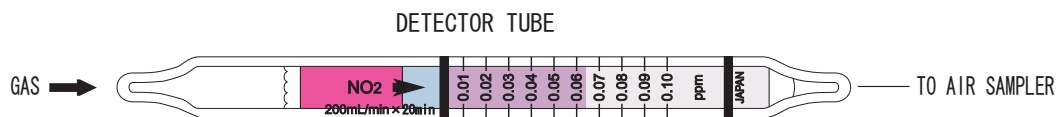


Tube No.
740

NITROGEN DIOXIDE



1. PERFORMANCE

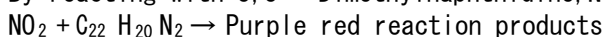
- 1) Measuring range : 0.01 ~ 0.1 ppm 0.02 ~ 0.2 ppm
- 2) Sampling time : 200mLx20min 200mLx10min
- 3) Detectable limit : 0.002 ppm (at the sampling of 200mLx20min)
- 4) Shelf life : 2 years
- 5) Operating temperature : 0 ~ 40°C
- 6) Reading : Direct reading from the scale calibrated at the sampling of 200mLx20min
- 7) Colour change : White → Purple-red

2. RELATIVE STANDARD DEVIATION

RSD-low : 10 % RSD-mid. : 5 % RSD-high : 5 %

3. CHEMICAL REACTION

By reacting with 3,3'-Dimethylnaphthidine, Nitroso compound is produced.



4. CALIBRATION OF THE TUBE

PERMEATION TUBE METHOD

5. INTERFERENCE AND CROSS SENSITIVITY

Substance	Interference	ppm	Coexistence
Sulphur dioxide		0.3	Lower readings will be given.
Ozone		0.2	"
Carbon monoxide			The accuracy of readings will not be affected.
Carbon dioxide			"
Nitrogen monoxide			"
Formaldehyde			"
Toluene			"
Xylene			"
Ethyl benzene			"
Styrene			"
p-Dichlorobenzene			"
Acetone			"