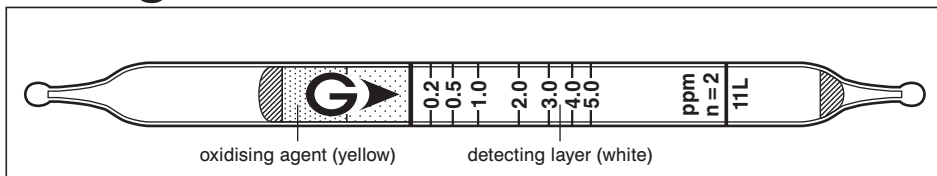


Nitrogen Oxides

NO + NO₂
(total quantification)

No.11L



Performance

Measuring range	0.04 to 0.08	0.08 to 0.2	0.2 to 5.0 ppm	5.0 to 16.5 ppm
Number of pump strokes	8 (800 ml)	4 (400 ml)	2 (200 ml)	1 (100 ml)
Correction factor	0.2	0.4	1	3.3
Sampling time	16 min	8 min	4 min	2 min

Detecting limit : 0.01 ppm (8 pump strokes)

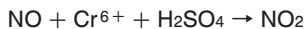
Colour change : White → Yellowish orange

Corrections for temperature & humidity : Unnecessary

Relative standard deviation : 10 % (for 0.2 to 1 ppm), 5 % (for 1 to 5 ppm)

Shelf life : 3 years

Reaction principle



Possible coexisting substances and their interferences

Substance	Concentration	Interference	Changes colour by itself to
Bromine, Chlorine		+	} Yellowish orange
Chlorine dioxide		+	
Hydrogen sulphide	≧ 25 ppm	-	} No
Sulphur dioxide	≧ 25 ppm	-	

Calibration gas generation

Permeation tube method