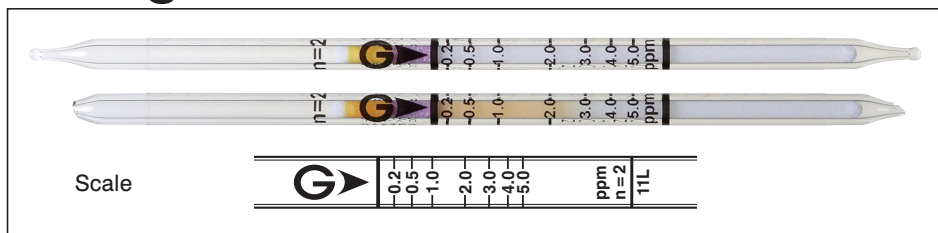


# Nitrogen Oxides (total quantification)

NO + NO<sub>2</sub>

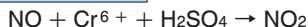
No.11L



## Performance

Measuring range	0.03 to 0.06 ppm	0.06 to 0.2 ppm	0.2 to 5.0 ppm	5.0 to 14 ppm
Number of pump strokes	8 (800 mL)	4 (400 mL)	2 (200 mL)	1 (100 mL)
Correction factor	0.14	0.3	1	2.8
Sampling time	16 min	8 min	4 min	2 min
Detecting limit :	0.01 ppm (8 pump strokes)			
Colour change :	White → Yellowish orange			
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 0.2 to 1 ppm) , 5 % (for 1 to 5 ppm)			
Tube quantity and number of tests per box :	10 tubes for 10 tests			
Shelf life :	36 months			

## 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