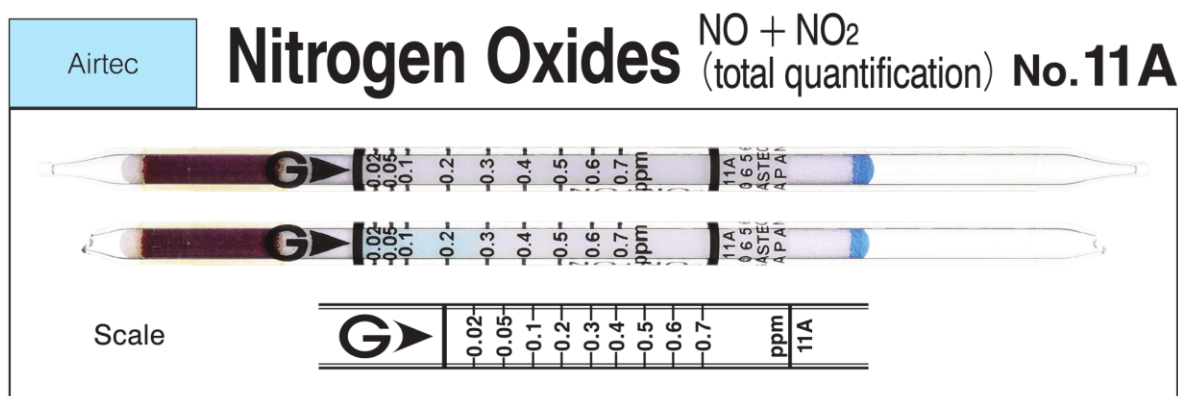




Nitrogen Oxides NO & NO₂

Part No.: 11A



Performance

Measuring range	0.02 to 0.7 ppm	0.06 to 2 ppm
Sampling rate	100 mL/min (500 mL)	100 mL/min (200 mL)
Sampling pressure	1.5 kgf/cm ² (147 kPa)	1.5 kgf/cm ² (147 kPa)
Correction factor	1	2.9
Sampling time	5 min	2 min
Detecting limit :	0.01 ppm	
Colour change :	White → Bluish 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 0.02 to 0.2 ppm), 5 % (for 0.2 to 0.7 ppm)	
Tube quantity and number of tests per box :	10 tubes for 10 tests	
Shelf life :	36 months	

Reaction principle

ABTS + NO₂ → Bluish green product

Possible coexisting substances and their interferences

Substance	Interference	Changes colour by itself to
Chlorine	+	Bluish green

Calibration gas generation

Permeation tube method