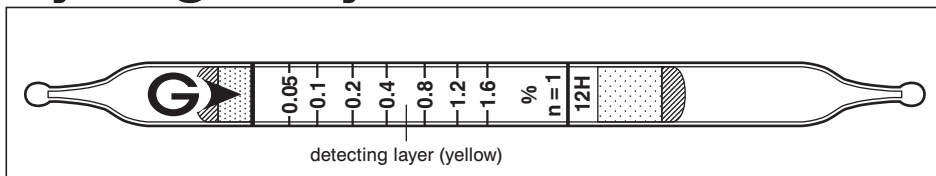


Hydrogen Cyanide HCN

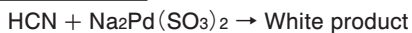
No.12H



Performance

Measuring range	0.05 to 1.6 %
Number of pump strokes	1 (100 ml)
Correction factor	1
Sampling time	1 min
Detecting limit :	0.005 % (1 pump stroke)
Colour change :	Yellow → White
Corrections for temperature & humidity :	Temperature correction is necessary.
Relative standard deviation :	10 % (for 0.05 to 0.4 %), 5 % (for 0.4 to 1.6 %)
Shelf life :	3 years

Reaction principle



Possible coexisting substances and their interferences

Substance	Concentration	Interference	Changes colour by itself to
Carbon monoxide		+	} Dark brown
Ethylene		+	
Hydrogen sulphide		+	

Calibration gas generation

High pressure cylinder method