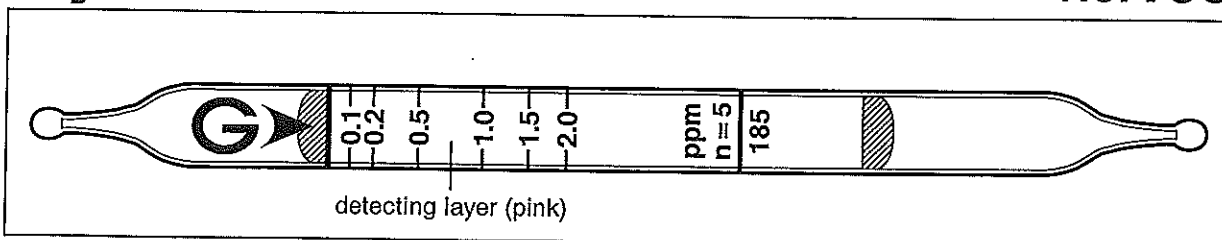


Hydrazine N₂H₄

No. 185



Performance

Measuring range	0.05 to 0.1 ppm	0.1 to 2 ppm
Number of pump strokes	10 (1000 ml)	5 (500 ml)
Correction factor	1/2	1
Sampling time	10 min	5 min

Detecting limit : 0.01 ppm (10 pump strokes)

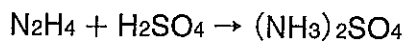
Colour change : Pink → Yellow

Corrections for temperature & humidity : Humidity correction is necessary.

Relative standard deviation : 10 % (for 0.1 to 0.5 ppm), 5 % (for 0.5 to 2 ppm)

Shelf life : 3 years

Reaction principle



Possible coexisting substances and their interferences (NOTE : Page 2-5)

Substance	Concentration	Interference	Changes colour by itself to
Amines		+	} Yellow
Ammonia		+	

Other substances measurable with this detector tube

Substance	Correction	No. of pump strokes	Measuring range
Dimethylhydrazine	Factor : 1	5	0.1 to 2 ppm
Methyl hydrazine	Factor : 6	5	0.6 to 12 ppm

Calibration gas generation

Permeation tube method