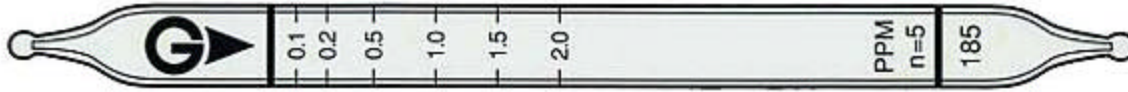


Hydrazine

N₂Humidity
Correction₄

NO.185



Performance

Measuring Range	0.05 to 0.1 ppm	0.1 to 2.0 ppm
Number of Pump Strokes	10	5
Correction Factor	1/2	1
Sampling Time	1 minute per pump stroke	
Detecting Limit	0.01 ppm (n=10)	
Color Change	Pink → Yellow	
Reaction Principle	Hydrazine is neutralized by sulfuric acid and discolor pH indicator to yellow.	
Coefficient of Variation	10% (for 0.1 to 0.5 ppm), 5% (for 0.5 to 2 ppm)	
Shelf Life	3 Years	
Corrections for temperature & humidity	Humidity correction is necessary	
Store the tubes at cool and dark place.		

Possible coexisting substances and their interferences (NOTE)

Substance	Concentration	Interference	Change color by itself
Amines & Ammonia	-	Plus error	Produces yellow stain.

Other substance measurable with this detector tube

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

Calibration gas generation Permeation tube method

TLVtoTWA	TLVtoSTEL	Explosive range
0.01ppm	-	2.9 to 98%

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