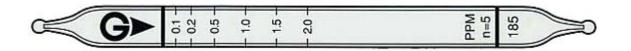
Hydrazine N₂H₄ No.185



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)			
Colour Change	Pink ──Yellow			
Reaction Principle	Hydrazine is neutralized by sulphuric acid and discolour 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

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

Other substance measurable with this detector tube

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

Calibration gas generation Permeation tube method

TLV to TWA	TLV to STEL	Explosive range
0.01ppm	-	2.9 to 98%