

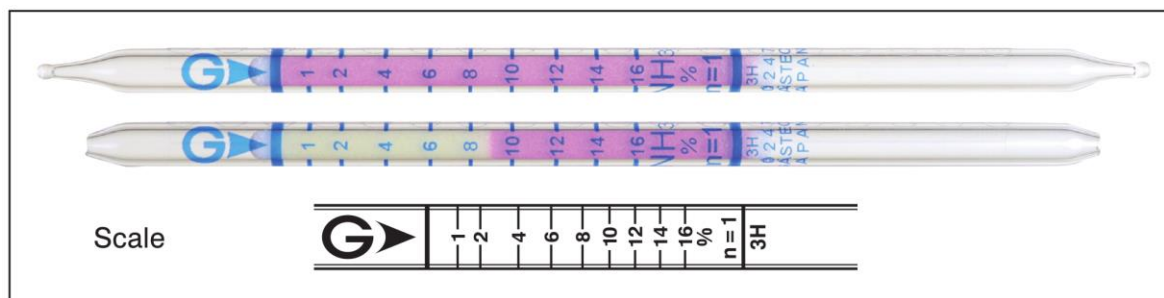


Ammonia NH₃

Part No.: 3H

Ammonia NH₃

No.3H



Performance

Measuring range	0.2 to 1 %	1 to 16 %	16 to 32 %
Number of pump strokes	2 to 5 (200 to 500 mL)	1 (100 mL)	1/2 (50 mL)
Correction factor	1/2 to 1/5	1	2
Sampling time	1.5 to 3.75 min	45 sec	30 sec
Detecting limit :	0.05 % (5 pump strokes)		
Colour change :	Purple → Yellow		
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 1 to 4 %), 5 % (for 4 to 16 %)		
Tube quantity and number of tests per box :	10 tubes for 10 tests		
Shelf life :	36 months		

Reaction principle



Possible coexisting substances and their interferences

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

Other substance measurable with this detector tube

Substance	Correction	No. of pump strokes	Measuring range
Dimethylamine	Factor : 1.2	1	1.2 to 19.2 %

Calibration gas generation

High pressure gas cylinder method