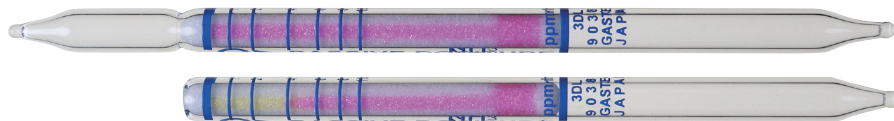


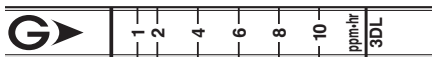
Dosi-tube

Ammonia NH₃

No.3DL



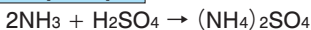
Scale



Performance

Measuring range	0.1 to 10 ppm
Sampling time	1 to 10 hours
Colour change :	Pink → Yellow
Operating conditions :	Temperature 0 to 40 °C (32 to 104 °F) correction used Relative humidity 0 to 90 % correction used
Relative standard deviation :	10 % (for 1 to 10 ppm · hr)
Tube quantity and number of tests per box :	10 tubes for 10 tests
Shelf life :	24 months

Reaction principle



Possible coexisting substances and their interferences

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

Other substances measurable with this Dosi-tube

Substance	Correction	Sampling time	Measuring range
Methylamine	Factor : 1.9	} 1 to 10 hours	0.19 to 19 ppm
Trimethylamine	Factor : 2.3		0.23 to 23 ppm

Calibration gas generation

Permeation tube method