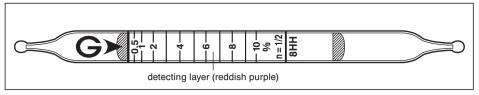
Chlorine Cl2

No.8HH



Performance

Measuring range	0.25 to 0.5 %	0.5 to 10 %
Number of pump strokes	1(100 ml)	1/2(50 ml)
Correction factor	1/2	1
Sampling time	45 sec	30 sec

Detecting limit : 0.05 % (1 pump stroke)
Colour change : Reddish purple → Yellow

Corrections for temperature & humidity: Unnecessary

Relative standard deviation: 10 % (for 0.5 to 3 %), 5 % (for 3 to 10 %)

Shelf life: 3 years

Reaction principle

Cl₂ + Indicator → Reaction Products

Possible coexisting substances and their interferences

Substance	Concentration	Interference	Changes colour by itself to
Hydrogen chloride Nitric acid		++	} Pink

Other substance measurable with this detector tube

Substance	Correction	No. of pump strokes	Measuring range
Hydrogen chloride	Factor: 3.0	1/2	1.5 to 30 %

Calibration gas generation

Static gas dilution method