



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	
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 0.5 to 3 %), 5 % (for 3 to 10 %)	
Tube quantity and number of tests per box :	10 tubes for 10 tests	
Shelf life :	36 months	

Reaction principle

$\text{Cl}_2 + \text{Indicator} \rightarrow \text{Reaction product}$

Possible coexisting substances and their interferences

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

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

High pressure gas cylinder method