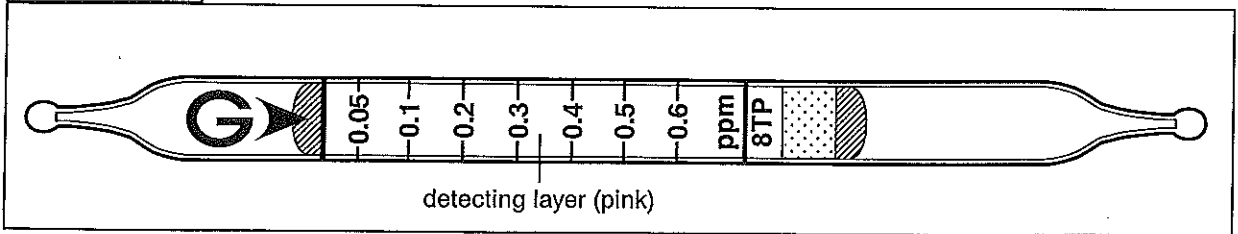


Detector tube

Chlorine Cl₂

No.8TP



Performance

Measuring range	0.05 to 0.6 ppm
Sampling Rate	100 ml/min (1000 ml)
Correction factor	1
Sampling time	10 min

Detecting limit : 0.02 ppm (1000 ml)
 Colour change : Pink → White
 Corrections for temperature : Unnecessary for 0 to 40°C
 Corrections for humidity : Unnecessary for R.H. 10 to 90 %
 Relative standard deviation : 10 % (for 0.05 to 0.2 ppm), 5 % (for 0.2 to 0.6 ppm)
 Shelf life : 2 years

Reaction principle

Cl₂ + Indicator (pink) → Reaction Product (White)

Possible coexisting substances and their interferences (NOTE : Page 2-5)

Substance	Concentration	Interference	Changes colour by itself to
Ammonia	≥ 1/6	—	No
Sulphur dioxide		—	No
Nitrogen dioxide		No	No
Hydrogen sulphide		—	No

Calibration gas generation

Permeation tube method