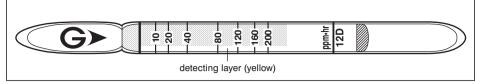
# Hydrogen Cyanide HCN No.12D



#### Performance

Measuring range	1 to 200 ppm
Sampling time	1 to 10 hours

Colour change : Yellow → Pink Corrections for temperature & humidity : Unnecessary

Relative standard deviation : 10 % (for 10 to 40 ppm·hr),

5 % (for 40 to 200 ppm·hr)

Shelf life: 2 years

### Reaction principle

Hydrogen Cyanide reacts with the reagent to form intermediate material which stains indicator Pink.

## Possible coexisting substances and their interferences

Substance	Concentration	Interference	Changes colour by itself to
Basic gases		_	No discolouration
Acid gases		+	Pink
Nitrogen dioxide	≥ 0.5 ppm	+	Pink
Hydrogen sulphide		+	Pink

#### Calibration gas generation

Permeation tube method