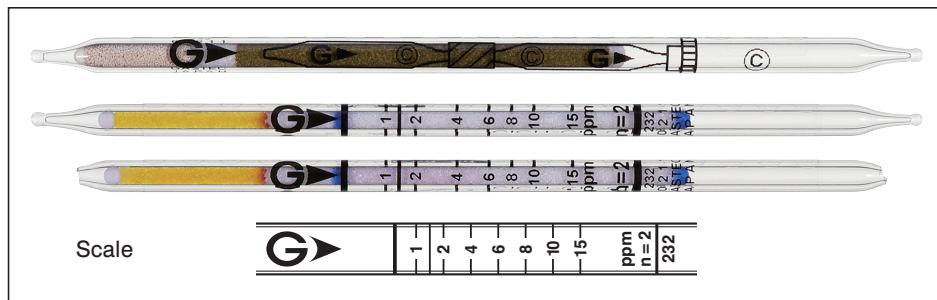


# 1,2-Dichloroethane CICH<sub>2</sub>CH<sub>2</sub>Cl No.232



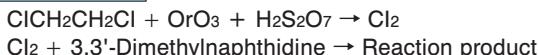
## Performance

When used, these tubes are to be connected.

Measuring range	1 to 15 ppm	15 to 39 ppm
Number of pump strokes	2 (200 mL)	1 (100 mL)
Correction factor	1	2.6
Sampling time	4 min	2 min

Detecting limit : 0.25 ppm (2 pump strokes)  
 Colour change : White → Pale purple  
 Operating conditions : Temperature 0 to 40 °C (32 to 104 °F) correction used  
 Relative standard deviation : 15 % (for 1 to 4 ppm), 10 % (for 4 to 15 ppm)  
 Tube quantity and number of tests per box : 10 tubes for 5 tests  
 Shelf life : 12 months (in the refrigerator)

## Reaction principle



## Possible coexisting substances and their interferences

Substance	Concentration	Interference	Changes colour by itself to
Carbon dioxide		No	No
Chlorine	≥ 0.5 ppm	+	Pale purple (≥ 0.15 ppm)
Chloropicrin	≥ 0.3 ppm	+	Pale purple (≥ 2 ppm)
Chloroform	≥ 2 ppm	+	Pale purple (≥ 2 ppm)
Carbon tetrachloride	≥ 5 ppm	+	Pale purple (≥ 15 ppm)
1,2-Dichloroethylene	≥ 1 ppm	+	Pale purple (≥ 0.3 ppm)
Methyl bromide	≥ 0.1 ppm	+	Pale purple (≥ 0.1 ppm)

## Calibration gas generation

Diffusion tube method