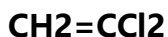
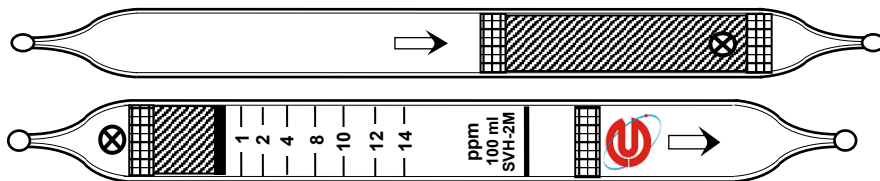


# Vinylidene Chloride

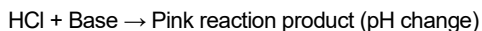
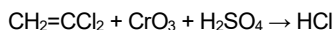
**SVH-2M**

## Specification:

|                                 |                                      |                 |                 |
|---------------------------------|--------------------------------------|-----------------|-----------------|
| Measurement Range               | <b>Extended</b>                      | <b>Standard</b> | <b>Extended</b> |
|                                 | 0.3 - 1 ppm                          | 1 - 14 ppm      | Do not extend   |
| No. of Pump Strokes             | 3 (300 mL)                           | 1 (100 ml)      |                 |
| Volume Correction Factor (VCF)* | 0.3                                  | 1.0             |                 |
| Sampling Time                   | 1.5 minutes per pump stroke (100 ml) |                 |                 |
| Color Change                    | Yellow → Pink                        |                 |                 |
| Detection Limit                 | 0.3 ppm (3 pump stroke)              |                 |                 |
| Shelf Life                      | 1 year                               |                 |                 |
| Relative standard deviation     | ± 10 to 15 %                         |                 |                 |

\* Multiply the observed reading by the correction factor (VCF) to obtain the true concentration.

## Reaction Principle:



## Possible Interferences:

| Compound            | Concentration (ppm) | Interference | Color Change / Comments |
|---------------------|---------------------|--------------|-------------------------|
| Trichloroethylene   | ≥ 5                 | +            | Pink                    |
| Tetrachloroethylene | ≥ 2                 | +            | Pink                    |
| Ethylene            | ≥300                | No           | No Effect               |
| Benzene             | ≥ 400               | No           | No Effect               |
| Vinyl Chloride      | ≥2                  | +            | Pink                    |

## Correction For Environmental Parameters:

|                          |  |
|--------------------------|--|
| <b>Temperature</b>       | Not necessary between 0 - 40°C (32 - 104°F). |
| <b>Relative humidity</b> | Not necessary between 10 - 90 %.             |

## Calibration Of The Tube :

Static gas Dilution method.

TLV (TWA): 5 ppm

TLV (STEL): -----

Flammable Range: 6.5 – 15.5 %