

1. PERFORMANCE

- 1) Measuring range : 1-15 ppm
Number of pump strokes : 1(100mL)
- 2) Sampling time : 1.5 minutes/1 pump stroke
- 3) Detectable limit : -
- 4) Shelf life : 3 years
- 5) Operating temperature : 15~25°C
- 6) Reading : Graduations printed on the tube are calibrated by Acetic Acid at 1 pump stroke and Acetic Anhydride concentration is determined by using a conversion chart at 1 pump stroke.
- 7) Colour change : Pale pink → Yellow

2. RELATIVE STANDARD DEVIATION

RSD-low : 10% RSD-mid. : 10% RSD-high : 10%

3. CHEMICAL REACTION

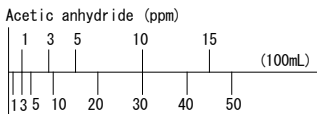
By reacting with alkali, PH indicator is discoloured.

4. CALIBRATION OF THE TUBE

VAPOUR PRESSURE METHOD

5. INTERFERENCE AND CROSS SENSITIVITY

| Substance | ppm | Interference | Coexistence |
|-------------------|-----|-----------------------------------|---|
| Sulphur dioxide | | Similar stain is produced. | Higher readings are given. |
| Nitrogen dioxid | 300 | " | The top of discoloured layer becomes unclear. |
| Hydrogen chloride | | Pink stain is produced. | Higher readings are given. |
| Chlorine | | Blueish yellow stain is produced. | " |
| Acetic acid | | Similar stain is produced. | " |



No. 216S tube reading (ppm)

