ACETIC ANHYDRIDE



1. PERFORMANCE

7) Colour change

1) Measuring range 1-15 ppmNumber of pump strokes $1 (100 \text{m} \ell)$

2) Sampling time : 1.5 minutes/1 pump stroke

3) Detectable limit : -4) Shelf life : 3 years
5) Operating temperature : $15 \sim 25 \,^{\circ}\text{C}$

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.

∴ 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.

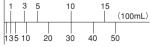
4. CALIBRATION OF THE TUBE

VAPOUR PRESSURE METHOD

5. INTERFERENCE AND CROSS SENSITIVITY

Substance	ppm	Interference	Coexistence
Sulphur dioxide		Similar stain is produced.	Higher readings are given.
Nitrogen dioxide	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)