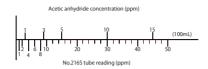
# **ACETIC ANHYDRIDE**





# 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 years5) Operating temperature  $: 15 \sim 25^{\circ}$ 

6) Reading : The printed scales are calibrated by Acetic acid at 1 pump stroke.

Acetic anhydride concentration is determined by using a conversion chart at 1 pump stroke

7) Colour change : Pale pink  $\rightarrow$  Yellow

#### 2. CHEMICAL REACTION

By reacting with alkali, PH indicator is discoloured.

## 3. CALIBRATION OF THE TUBE

**DIFFUSION TUBE METHOD** 

## 4. INTERFERENCE AND CROSS SENSITIVITY

Substance	ppm	Interference	ppm	Coexistence
Sulphur dioxide		Similar stain is produced.	HCO ₂H conc. × 1/20	Higher readings are given.
Nitrogen dioxide	300	"	10	The top of discoloured layer becomes unclear.
Hydrogen chloride		Pink stain is produced.	HCO ₂Hconc. × 2	Higher readings are given.
Chlorine		Yellow stain is produced.	5	//
Acetic acid		Similar stain is produced.		//