

1. PERFORMANCE

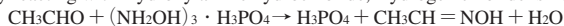
- 1) Measuring range : 5-140 ppm
Number of pump strokes 1 (100ml)
- 2) Sampling time : 1 minute/1 pump stroke
- 3) Detectable limit : 2 ppm
- 4) Shelf life : 2 years (Necessary to store in refrigerated conditions ; 0 ~ 10 °C)
- 5) Operating temperature : 10 ~ 40 °C
- 6) Operating humidity : 0 ~ 80 % R.H. (See "HUMIDITY CORRECTION TABLE")
- 7) Reading : Direct reading from the scale calibrated by 1 pump stroke
- 8) Colour change : Yellow → Pink

2. RELATIVE STANDARD DEVIATION

RSD-low : 10 % RSD-mid. : 5 % RSD-high : 5 %

3. CHEMICAL REACTION

By reacting with Hydroxylamine hydrochloride, Hydrogen chloride is liberated and PH indicator discoloured.



4. CALIBRATION OF THE TUBE

GAS CHROMATOGRAPHY

5. INTERFERENCE AND CROSS SENSITIVITY

Substance	Interference	Coexistence
Other Aldehydes	Similar atain is produced.	Higher readings are given.
Ketones	∕	∕
Ethanol	The accuracy of readings is not affected.	∕

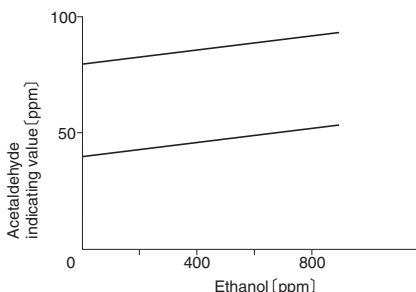


FIG.1 Influence of Ethanol

TABLE OF COEFFICIENT FOR HUMIDITY CORRECTION(50 %R.H.)

Humidity(%R.H.)	0	10	20	30	40	50	60	70	80
Coefficient	1.70	1.40	1.20	1.10	1.05	1.00	0.97	0.95	0.93