

Tube No. **NX101L**



1. PERFORMANCE

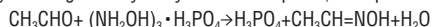
- 1) Measuring range : 5-140 ppm
Number of pump stroke : 1 (100mL)
- 2) Sampling time : 1 minute / 1 pump stroke
- 3) Detectable limit : 2 ppm
- 4) Shelf life : 2 years (Necessary to store in refrigerated conditions ; 0~10°C)
- 5) Operating temperature : 0~40°C
- 6) Operating humidity : 0~80% R.H. (See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

2. RELATIVE STANDARD DEVIATION

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

3. CHEMICAL REACTION

By reacting with Hydroxylamine Phosphate, Phosphoric Acid is liberated and pH indicator is discolored.



4. CALIBRATION OF THE TUBE

GAS CHROMATOGRAPHY

5. INTERFERENCE AND CROSS SENSITIVITY

Substance	Interference	Coexistence
Other Aldehydes	Similar stain is produced.	Higher readings are given.
Ketones	"	"
Ethanol	FIG.1 The accuracy of readings is not affected.	"

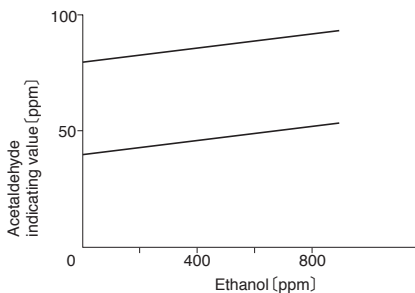


FIG.1 Influence of Ethanol

TABLE OF COEFFICIENT FOR HUMIDITY CORRECTION(BASED ON 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