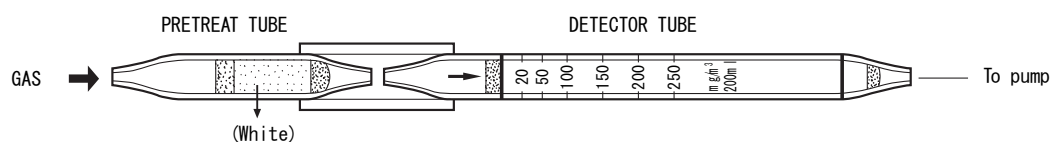


Tube No.
232SA

ETHYLENE GLYCOL



1. PERFORMANCE

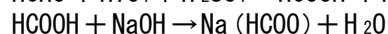
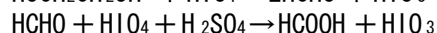
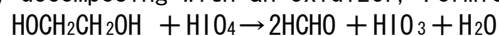
- 1) Measuring range : 20–250mg/m³
Number of pump strokes : 2(200mL)
- 2) Sampling time : 1.5 minutes/1 pump stroke
- 3) Detectable limit : 5mg/m³
- 4) Shelf life : 1.5 years
- 5) Operating temperature : 20~40°C
- 6) Temperature compensation : Necessary(See "TEMPERATURE CORRECTION TABLE")
- 7) Reading : Direct reading from the scale calibrated by 2 pump strokes
- 8) Colour change : Pink→Yellow

2. RELATIVE STANDARD DEVIATION

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

3. CHEMICAL REACTION

By decomposing with an Oxidizer, Formic acid is produced and PH indicator is discoloured.



4. CALIBRATION OF THE TUBE

GAS CHROMATOGRAPHY

5. INTERFERENCE AND CROSS SENSITIVITY

Substance	Interference	Coexistence
Aldehydes	Similar stain is produced.	Higher readings are given.
Sulphur dioxide	"	"
Ethylene oxide	"	"
Hydrogen sulphide	Orange/Yellow stain is produced.	"

TEMPERATURE CORRECTION TABLE

Scale Readings (mg/m ³)	True Concentration (mg/m ³)				
	20 °C (68 °F)	22 °C (71.6 °F)	25 °C (77 °F)	30 °C (86 °F)	40 °C (104 °F)
250	–	370	250	200	155
200	–	260	200	165	130
150	270	170	150	125	105
100	120	110	100	85	75
50	60	55	50	45	40
30	23	20	20	18	15