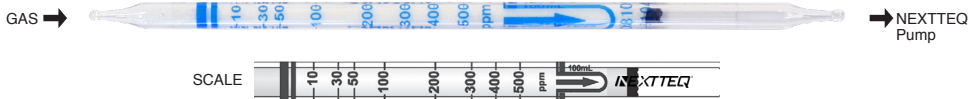


Tube No. **NX149**



1. PERFORMANCE

- 1) Measuring range : 10-500 ppm
Number of pump strokes : 1 (100mL)
- 2) Sampling time : 2 minutes / 1 pump stroke
- 3) Detectable limit : 3 ppm
- 4) Shelf life : 1.5 years
- 5) Operating temperature : 0~40°C
- 6) Temperature compensation : Necessary (0~20°C) (See "TEMPERATURE CORRECTION TABLE")
- 7) Reading : Direct reading from the scale calibrated by 1 pump stroke
- 8) Color change : White→Brown

2. RELATIVE STANDARD DEVIATION

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

3. CHEMICAL REACTION

Iodine Pentoxide is reduced.



4. CALIBRATION OF THE TUBE

GAS CHROMATOGRAPHY

5. INTERFERENCE AND CROSS SENSITIVITY

Substance	Interference	%	Coexistence
Benzene	Similar stain is produced.	—	Higher readings are given.
Toluene	"	—	"
Xylene	"	—	"
Methanol	The accuracy of readings is not affected.	1	"
Hexane	Pale brown stain is produced.	0.1	Higher readings with indiscernable maximum end point of the stain are given.

TEMPERATURE CORRECTION TABLE

Tube Readings (ppm)	Corrected Concentration (ppm)			
	0°C (32°F)	5°C (50°F)	10°C (68°F)	20°C (86°F)
500	—	—	600	500
400	590	520	465	400
300	390	360	330	300
200	240	225	215	200
100	120	112	105	100