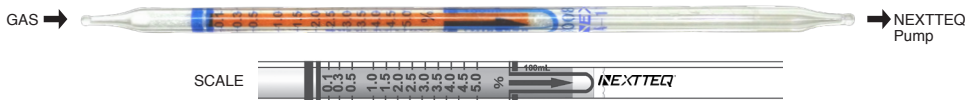


Tube No. **NX147M****1. PERFORMANCE**

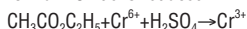
- 1) Measuring range : 0.1-5.0%
- Number of pump strokes : 1 (100mL)
- 2) Sampling time : 1.5 minutes / 1 pump stroke
- 3) Detectable limit : 0.001% (10 ppm)
- 4) Shelf life : 3 years
- 5) Operating temperature : 0~40°C
- 6) Temperature compensation : Necessary (See "TEMPERATURE CORRECTION TABLE")
- 7) Reading : Direct reading from the scale calibrated by 1 pump stroke
- 8) Color change : Orange→Brownish green

2. RELATIVE STANDARD DEVIATION

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

3. CHEMICAL REACTION

Chromium Oxide is reduced.

**4. CALIBRATION OF THE TUBE**

GAS CHROMATOGRAPHY

5. INTERFERENCE AND CROSS SENSITIVITY

Substance	Interference	ppm	Coexistence
Acetylene		3%	Whole reagent is changed to Brown.
Propane		0.2%	"
Other organic or vapors except Halogenated Hydrocarbons	Similar stain is produced.	50	Higher readings are given.

TEMPERATURE CORRECTION TABLE

Tube Readings (%)	Corrected Concentration (%)				
	0 °C (32 °F)	10 °C (50 °F)	20 °C (68 °F)	30 °C (86 °F)	40 °C (104 °F)
5.0	—	—	5.0	4.0	3.0
4.5	—	—	4.5	3.6	2.7
4.0	—	5.8	4.0	3.2	2.4
3.5	—	5.0	3.5	2.8	2.1
3.0	—	4.2	3.0	2.3	1.7
2.5	—	3.5	2.5	1.9	1.4
2.0	—	2.6	2.0	1.5	1.1
1.5	2.6	1.9	1.5	1.1	0.7
1.0	1.5	1.2	1.0	0.7	0.4
0.5	0.6	0.6	0.5	0.3	0.2
0.3	0.4	0.3	0.3	0.2	0.1
0.1	0.1	0.1	0.1	0.1	0.1

