

1. PERFORMANCE

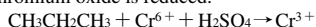
- 1) Measuring range : 0.02-0.5 %
Number of pump strokes 1 (100mℓ)
- 2) Sampling time : 4 minutes/1 pump stroke
- 3) Detectable limit : 20 ppm
- 4) Shelf life : 2 years
- 5) Operating temperature : 0 ~ 40 °C
- 6) Temperature compensation : Necessary (See "TEMPERATURE CORRECTION TABLE")
- 7) Reading : Direct reading from the scale calibrated by 1 pump stroke
- 8) Colour change : Orange → Brown

2. RELATIVE STANDARD DEVIATION

RSD-low : 15 % RSD-mid. : 15 % RSD-high : 15 %

3. CHEMICAL REACTION

Chromium oxide is reduced.



4. CALIBRATION OF THE TUBE

GAS CHROMATOGRAPHY

5. INTERFERENCE AND CROSS SENSITIVITY

Substance	Interference	Coexistence
Toluene	Similar stain is produced.	Higher readings are given.
Hexane	∕	∕
Trichloroethylene	∕	∕

TEMPERATURE CORRECTION TABLE

Scale Readings (ppm)	True Concentration (ppm)				
	0 °C (32 ° F)	10 °C (50 ° F)	20 °C (68 ° F)	30 °C (86 ° F)	40 °C (104 ° F)
0.50	0.40	0.45	0.50	0.50	—
0.40	0.33	0.37	0.40	0.35	—
0.30	0.26	0.28	0.30	0.28	0.42
0.25	0.21	0.23	0.25	0.22	0.32
0.20	0.17	0.19	0.20	0.16	0.26
0.15	0.13	0.14	0.15	0.22	0.19
0.10	0.09	0.10	0.10	0.11	0.13
0.05	0.05	0.06	0.05	0.05	0.05