

1. PERFORMANCE

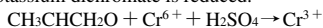
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|--------------------------|---|------------|
| 1) Measuring range | : 1.0-5.0 % | 0.05-3.0 % |
| Number of pump strokes | 1/2 (50ml) | 1 (100ml) |
| 2) Sampling time | : 1.5 minutes/1 pump stroke | |
| 3) Detectable limit | : 20 ppm | |
| 4) Shelf life | : 3 years | |
| 5) Operating temperature | : 0 ~ 40 °C | |
| 6) Reading | : Direct reading from the scale calibrated by 1 pump stroke | |
| 7) Colour change | : Orange → Dark brown | |

2. RELATIVE STANDARD DEVIATION

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

3. CHEMICAL REACTION

Potassium dichromate is reduced.



4. CALIBRATION OF THE TUBE

GAS CHROMATOGRAPHY

5. INTERFERENCE AND CROSS SENSITIVITY

Substance	Interference	ppm	Coexistence
Aromatic hydrocarbons FIG.1	Similar stain is produced.		Higher readings are given.
Esters FIG.2	∕		∕
Ketones	∕		∕
Alcohols FIG.3	∕		∕
Halogenated hydrocarbons	Whole reagent is changed to Brown.	0.5 %	∕

(NOTE)

In case of 1/2 pump strokes, following conversion scale is available for actual concentration.

