



## 1. PERFORMANCE

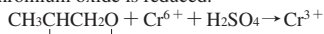
- |                          |   |            |
|--------------------------|---|------------|
| 1) Measuring range       | : 1.0-5.0 %   | 0.05-3.0 % |
| Number of pump strokes   | 1/2 (50mℓ)  | 1 (100mℓ)  |
| 2) Sampling time         | : 1.5 minutes/1 pump stroke                                 |            |
| 3) Detectable limit      | : 0.002 % (20 ppm) (100mℓ)                                  |            |
| 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

Chromium oxide is reduced.



## 4. CALIBRATION OF THE TUBE

GAS CHROMATOGRAPHY

## 5. INTERFERENCE AND CROSS SENSITIVITY

Substance	Interference	%	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.

