

## 1. PERFORMANCE

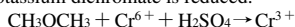
- 1) Measuring range : 0.01-1.2 %  
Number of pump strokes : 1 (100mℓ)
- 2) Sampling time : 1.5 minutes/1 pump stroke
- 3) Detectable limit : 10 ppm
- 4) Shelf life : 3 years
- 5) Operating temperature : 0 ~ 40 °C
- 6) Reading : Direct reading from the scale calibrated by 1 pump stroke
- 7) Colour change : Orange → Dark brown

## 2. RELATIVE STANDARD DEVIATION

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

## 3. CHEMICAL REACTION

Potassium dichromate 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 gases or vapours except Halogenated hydrocarbons	Similar stain is produced.		Higher readings are given.