



**Standard Measuring Range** : 25 to 500 ppm  
**Number of Strokes (n)** : 30  
**Time for Measurement** : app. 6 min  
**Standard Deviation** :  $\pm 20$  to 30 %  
**Colour Change** : pale yellow  $\rightarrow$  turquoise green

### Ambient Operating Conditions

**Temperature** : 15 to 30 °C  
**Absolute Humidity** : 3 to 15 mg H<sub>2</sub>O / L

### Reaction Principle

Ethylene oxide + Cr<sup>VI</sup>  $\rightarrow$  Cr<sup>III</sup> + various oxidation products

### Cross Sensitivity

Alcohols, esters and aldehydes are also indicated, but with different sensitivities. It is impossible to differentiate between them.

Propylene oxide is also indicated, but with a different sensitivity.

Ethylene, ketones and toluene in the TLV range do not interfere.