

# Ethylene Oxide 25/a

Order No. 67 28 241

E

## Application Range

Standard Measuring Range:	25 to 500 ppm
Number of Strokes n:	30
Time for Measurement:	approx. 6 min
Standard Deviation:	± 20 to 30 %
Color Change:	pale yellow → 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> → 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.



ST-42/2001