

Standard Measuring Range : 20 to 500 ppm
Number of Strokes (n) : 2
Time for Measurement : app. 30 s
Standard Deviation : ± 10 to 15 %
Colour Change : pale grey \rightarrow red brown

Ambient Operating Conditions

Temperature : 15 to 40 °C
Absolute Humidity : max. 40 mg H₂O / L

Reaction Principle

- a) $\text{NO} + \text{Cr}^{\text{VI}} \rightarrow \text{NO}_2$
b) $\text{NO}_2 + \text{o-Dianisidine} \rightarrow \text{red brown reaction product}$

Cross Sensitivity

There is no influence of chlorine and ozone, if these gases are in range of their TLVs. Higher concentrations are indicated with different sensitivity.

