



Standard Measuring Range : 5 to 100 ppm / 2 to 50 ppm
Number of Strokes (n) : 5 / 10
Time for Measurement : app. 1 min / app. 2 min
Standard Deviation : ± 10 to 15 %
Colour Change : yellow \rightarrow blue grey

Ambient Operating Conditions

Temperature : 10 to 30 °C
Absolute Humidity : max. 30 mg H₂O / L

Reaction Principle

- a) $\text{NO} + \text{Cr}^{\text{VI}} \rightarrow \text{NO}_2$
b) $\text{NO}_2 + \text{Diphenylbenzidine} \rightarrow \text{blue grey reaction product}$

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.