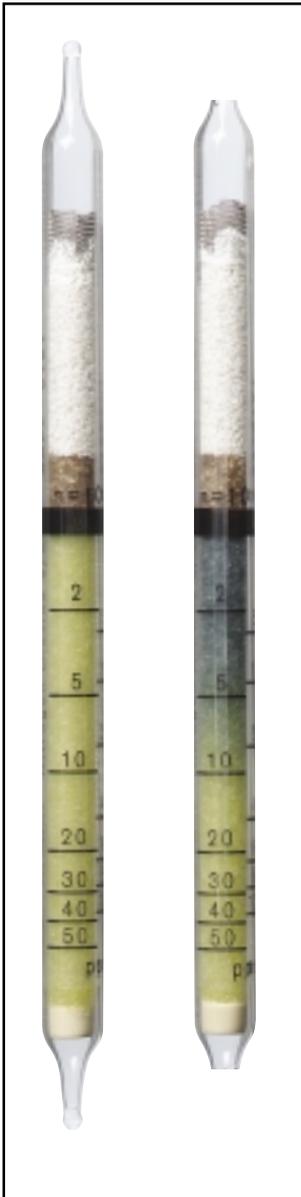


Nitrogen Dioxide 2/c

Order No.
67 19101



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 green

Ambient Operating Conditions

Temperature : 10 to 40 °C
Absolute Humidity : < 30 mg H₂O / L

Reaction Principle

NO₂ + Diphenylbenzidine \rightarrow blue grey reaction product

Cross Sensitivity

Within their TLV, ozone or chlorine do not interfere with the reading. Higher concentrations are indicated, however with differing sensitivity

Nitrogen monoxide is not indicated.