

Order No,
81 01111

Nitrogen Dioxide 10/a-D

Standard Range	Measurement Time
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10 to 200 ppm	1 h
5 to 100 ppm	2 h
2.5 to 50 ppm	4 h
1.3 to 25 ppm	8 h

Standard Deviation : ± 20 to 25 %
Colour Change : white \rightarrow yellow orange

Ambient Operating Conditions

Temperature : 0 to 40 °C
Absolute Humidity : 5 to 15 mg H₂O / L

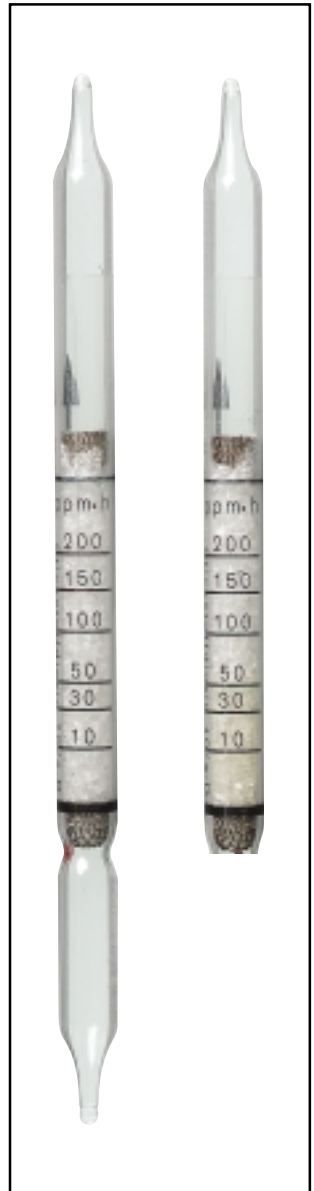
Reaction Principle

NO₂ + o-Tolidine \rightarrow yellow orange reaction product

Cross Sensitivity

Chlorine and ozone are also indicated with approximately half the indicating sensitivity (e.g. 20 ppm x h chlorine gives an indication of 10 ppm x h).

No influence by 5 ppm sulphur dioxide and 100 ppm ammonia.



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