

Order No.
67 33181

Ozone 0.05/b

Standard Measuring Range : 0.05 to 0.7 ppm
Number of Strokes (n) : 10
Time for Measurement : app. 3 min
Standard Deviation : ± 10 to 15 %
Colour Change : pale blue \rightarrow white

Ambient Operating Conditions

Temperature : 0 to 40 °C
Absolute Humidity : 2 to 30 mg H₂O / L

Reaction Principle

O₃ + Indigo \rightarrow Isatine

Cross Sensitivity

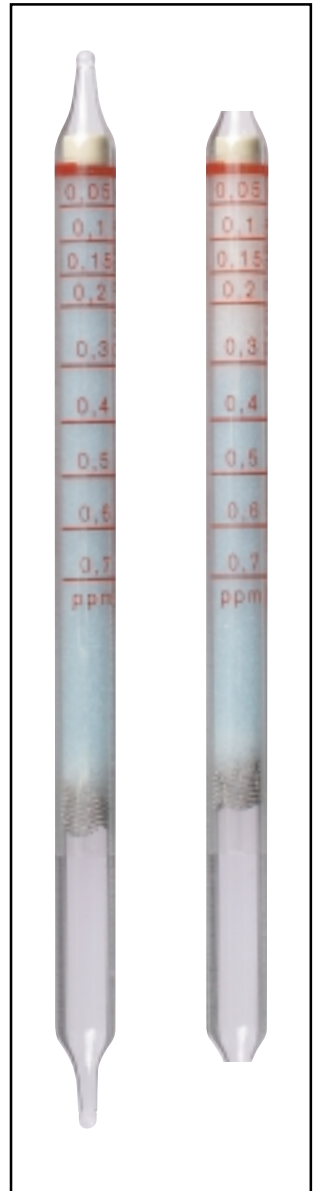
No interference by:
1 ppm sulphur dioxide
1 ppm chlorine
1 ppm nitrogen dioxide

Higher concentrations of chlorine and nitrogen dioxide discolour the indicating layer white to pale grey.

Extension of the Measuring Range

Using n=5, multiply the reading by 2; the range of measurement is 0.1 to 1.4 ppm.

Using n=100, divide the reading by 10; the range of measurement is 0.005 to 0.07 ppm.



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