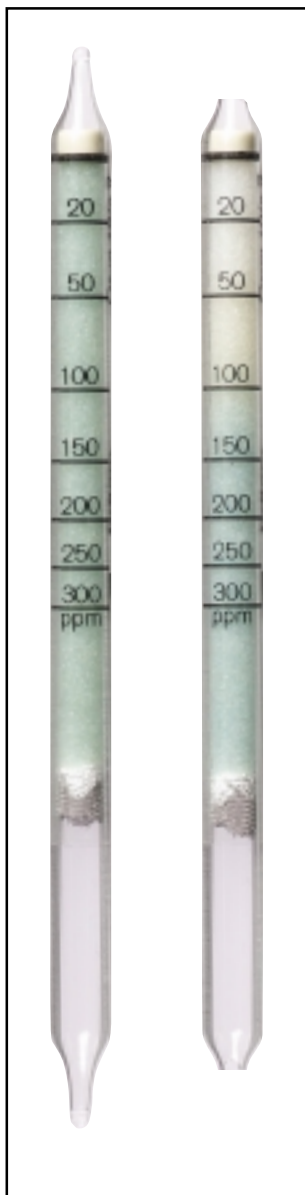




ST-198-2001

Standard Measuring Range : 20 to 300 ppm
Number of Strokes (n) : 1
Time for Measurement : app. 20 s
Standard Deviation : ± 10 to 15 %
Colour Change : greenish blue $\rightarrow$ yellow

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 a diffuse yellowish grey.