

Ozone 0.05/b

Catalog No 6733181

Standard Measuring Range: 0.05 to 0.7 ppm
Number of Strokes (n): 10
Time for Measurement: about 3 minutes
Standard Deviation ± 10 to 15%
Color Change: pale blue to white

Ambient Operation Conditions

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

Reaction Principle

a) O₃ + Indigo —→ Isatine

Cross Sensitivity

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

Higher concentrations of chlorine and nitrogen dioxide discolor 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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PO Box 894
DeMotte, IN 46310
800.952.3293 • 219.987.6825 • fax 219.987.6826
www.afcintl.com • sales@afcintl.com