

Nitrous Fumes 100/c

Catalog No CH27701

Standard Measuring Range: 100 to 1,000 ppm / 500 to 5,000 ppm
Number of Strokes (n): 5 / 1+4 desorption strokes in clean air
Time for Measurement: about 1.5 minutes
Standard Deviation ± 15 to 20%
Color Change: grey to red brown

Ambient Operation Conditions

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

Reaction Principle

- a) $\text{NO} + \text{Cr}^{\text{VI}} \longrightarrow \text{NO}_2$
b) $\text{NO}_2 + \text{o-Dianisidine} \longrightarrow \text{red brown reaction product}$

Cross Sensitivity

There is no influence of chlorine and ozone, if these gases are in range of their TLVs. Higher concentration are indicated with different sensitivity.



Dräger

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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