Order No.

81 01751

| Standard Measuring Range | : | 2 to 40 ppm. |
|--------------------------|---|--------------|
| Number of Strokes (n) | : | 5 |
| Time for Measurement | : | app. 30 s |
| Standard Deviation | : | ± 20 to 30 % |
| Colour Change | : | white> pink |

Ambient Operating Conditions

| Temperature | : | 0 to 40 °C |
|-------------------|---|-----------------------|
| Absolute Humidity | : | 3 to 15 mg H_2O / L |

Reaction Principle

HCHO + $C_6H_4(CH_3)_2 + H_2SO_4 \longrightarrow$ quinoid reaction products

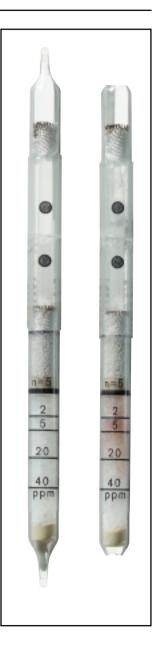
Cross Sensitivity

Styrene, vinyl acetate, acetaldehyde, acrolein, diesel fuel and furfuryl alcohol are indicated with a yellowish brown discoloration.

500 ppm Octane, 5 ppm nitric oxide and 5 ppm nitrogen dioxide have no effect.

Additional Information

The reagent ampoule must be broken before carrying out the measurement.



Formaldehyde 2/a