Carbon Disulfide 5/a

Order No. 67 28 351



Standard Measuring Range: 5 to 60 ppm

Number of Strokes n: 11

Time for Measurement: approx. 3 min Standard Deviation: \pm 10 to 15 %

Color Change: white → brown green

Ambient Operating Conditions

Temperature: 0 to 40 $^{\circ}$ C
Absolute Humidity: 3 to 15 mg H₂O / L

Reaction Principle

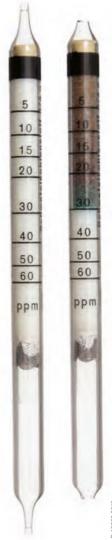
 $\overline{CS_2 + I_2O_5} \rightarrow I_2$

Cross Sensitivity

Aliphatic and aromatic hydrocarbons, carbon monoxide and hydrogen sulfide are indicated, but with different sensitivities. It is impossible to measure carbon disulfide in the presence of these substances.

Additional Information

These tubes become very warm during the measurement. Therefore this Dräger-Tube shall not be used in potentially combustible atmospheres. The lower explosion limit for carbon disulfide is 1 vol. %.



13309-5010