Phosphine 25/A

Order No. 81 01 621

Application Range

Standard Measuring Range: 200 to 10,000 ppm / 25 to 900 ppm

Number of Strokes n: 1 / 10

Time for Measurement: approx. 1.5 min / approx. 10 min

Standard Deviation: ± 10 to 15 %

Color Change: yellow → dark brown

Ambient Operating Conditions

Temperature: 0 to 40 °C
Absolute Humidity: $< 30 \text{ mg H}_2\text{O} \text{ / L}$

Reaction Principle

 $PH_3 + Au^{3+} \rightarrow Au$ (colloidal)

Cross Sensitivity

Arsine and antimony hydride are indicated, but with lower sensitivities.

Hydrogen sulfide, ammonia, hydrochloric acid and mercaptans are retained in the pre-cleanse layer.





