

# Phosphine 25/A

Order No. 81 01 621

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## 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:  $\pm 10$  to 15 %

Color Change: yellow  $\rightarrow$  dark brown

## Ambient Operating Conditions

Temperature: 0 to 40 °C

Absolute Humidity: < 30 mg H<sub>2</sub>O / L

## Reaction Principle

$\text{PH}_3 + \text{Au}^{3+} \rightarrow \text{Au (colloidal)}$

## 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.

