

Phosphine 25/a

Catalog No 8101621

Standard Measuring Range: 200 to 10,000 ppm / 25 to 900 ppm
Number of Strokes (n): 1
Time for Measurement: about 1.5 minutes / about 13 minutes
Standard Deviation: ± 10 to 15%
Color Change: yellow to dark brown

Ambient Operation Conditions

Temperature: 0 to 40°C
Absolute Humidity: < 30 mg H₂O/L

Reaction Principle

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

Cross Sensitivity

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

Hydrogen sulfide, ammonia, hydrochloric acid and mercaptans are retained in the preclean layer.



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