# Phosphine 1/a

Order No. 81 01 801



## Application Range

Standard Measuring Range: 10 to 100 / 1 to 20 ppm

Number of Strokes n: 2 / 10

Time for Measurement: approx. 2 min / approx. 10 min

Standard Deviation: ± 15 to 20 %

Color Change: yellow → dark-brown

### **Ambient Operating Conditions**

Temperature: 5 to 40 °C

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

### Reaction Principle

PH<sub>3</sub> + Au<sup>3+</sup> → Au (colloidal)

### Cross Sensitivity

Ammonia, hydrogen chloride, hydrogen sulfide and mercaptans are retained in the prelayer. Arsine and stibine are also indicated, however, with less sensitivity.

