

Order No.  
81 01611

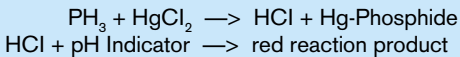
## Phosphine 0.01/a

**Standard Measuring Range** : 0.1 to 1.0 / 0.01 to 0.3 ppm  
**Number of Strokes (n)** : 3 / 10  
**Time for Measurement** : app. 2.5 min / app. 8 min  
**Standard Deviation** :  $\pm 10$  to 15 %  
**Colour Change** : yellow  $\rightarrow$  red

### Ambient Operating Conditions

**Temperature** : 2 to 40 °C  
**Absolute Humidity** : < 20 mg H<sub>2</sub>O / L

### Reaction Principle



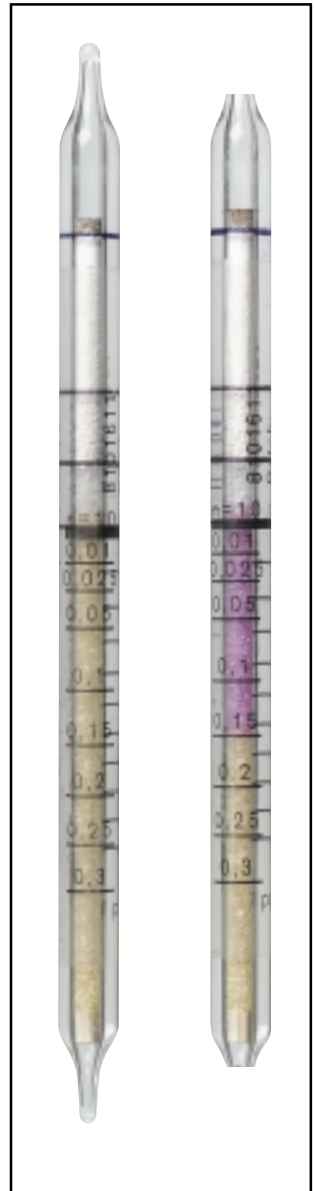
### Cross Sensitivity

Arsine is indicated with different sensitivity.

Up to 6 ppm sulphur dioxide or 15 ppm hydrochloric acid does not interfere, but higher concentrations cause plus errors.

More than 100 ppm ammonia leads to minus errors.

300 ppm Hydrocyanic acid does not affect the 3 stroke test, but with the 10 stroke test minus errors up to 50% can occur.



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