

# Phosphine 200 - 5000 ppm

Order Code  
64 06 500

**Measuring Range** : 200 to 5000 ppm (20 °C, 50 % r.h.)

**Measuring Time** : approx. 20 s at 5000 ppm  
approx. 60 s at 1000 ppm  
approx. 200 s at 200 ppm  
approx. 80 s at 0 ppm

## Ambient Operating Conditions

**Temperature** : 0 ... 40 °C

**Correction of Temperature** : 0 to 19 °C → + 0.8 % / °C  
21 to 40 °C → not necessary  
% of measured value over the measurement range.

**Humidity** : 1 to 30 mg/L (corresp. 2 to 60 % r.h. at 40°C)

**Correction of Humidity** : not necessary

**Air Pressure** : 700 to 1100 hPa

**Correction of Air Pressure** : not necessary

**Accuracy** : ± 8 % of the measured value over the measurement range,  
e.g.  
± 16 ppm at 200 ppm  
± 400 ppm at 5000 ppm

**Reproducibility** : ± 10 % (Standard Deviation)

## Cross Sensitivity

No influence at 200 ppm PH<sub>3</sub> by  
≤ 50 ppm methyl bromide

## Measurement with Remote System

Please observe the Instructions for Use of the Remote System.

## Flushing Time

For a measurement of 1000 ppm phosphine in laboratory conditions, a flushing time of 2 minutes was determined.