

Hydrogen Sulphide 0.2 - 5 ppm

Order Code
64 06 520

Measuring Range : 0.2 to 5 ppm (20 °C, 50 % r.h.)

Measuring Time : approx. 40 s at 5 ppm
approx. 120 s at 1 ppm
approx. 450 s at 0.25 ppm
approx. 225 s at 0 ppm

Ambient Operating Conditions

Temperature : 0 ... 40 °C

Correction of Temperature

: necessary, see instructions for use

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 : ± 11 % of the measured value over the measurement range
 ± 0.02 ppm at 0.2 ppm
 ± 0.6 ppm at 5 ppm

Reproducibility : ± 15 % (Standard Deviation)

Cross Sensitivity

No influence at 10 ppm H₂S by
 ≤ 50 ppm nitrogen dioxide
 ≤ 2 ppm sulphur dioxide

Mercaptan is also indicated, but with different sensitivity.

Measurement with Remote System

Please observe the Instructions for Use of the Remote System.

Flushing Time

For a measurement of 5 ppm hydrogen sulphide in laboratory conditions, a flushing time of 2 minute was determined.