

Hydrogen Sulphide 20 - 500 ppm

Order Code
64 06 150

Measuring Range : 20 to 500 ppm (20 °C, 50 % r.h.)

Measuring Time : approx. 4 s at 500 ppm
approx. 12 s at 100 ppm
approx. 60 s at 20 ppm
approx. 50 s at 0 ppm

Ambient Operating Conditions

Temperature : 0 ... 40 °C

Correction of Temperature : not necessary

Humidity : 1 to 40 mg/L
(corresp. 2 to 80 % 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.
± 1.6 ppm at 20 ppm
± 8 ppm at 100 ppm

Reproducibility : ± 13 % (Standard Deviation)

Cross Sensitivity

No influence at 100 ppm H₂S by
≤ 50 ppm nitrogen dioxide
≤ 20 ppm sulfur dioxide
≤ 200 ppm mercaptan

Measurement with Remote System

Please observe the Instructions for Use of the Remote System.

Flushing Time

For a measurement of 25 ppm hydrogen sulphide in laboratory conditions, a flushing time of 1 minute was determined.