

# Hydrogen Sulfide 1/d

Order No. 81 01 831

## Application Range

Use in MultiTest med. Int.

Standard Measuring Range:	1 to 20 ppm
Test Volume:	1 L
Flow Rate:	0.17 L / min (CO <sub>2</sub> )
Time for Measurement:	6 min
Standard Deviation:	± 15 %
Color Change:	white → brown

## Ambient Operating Conditions

Temperature:	2 to 40 °C
Absolute Humidity:	max 40 mg H <sub>2</sub> O / L
Pressure:	The tube may only be used for depressurized compressed air

## Reaction Principle



## Cross Sensitivity

500 ppm hydrochloric acid, 500 ppm sulfur dioxide, 500 ppm ammonia or 100 ppm arsine do not affect the indication. Methyl mercaptan and ethyl mercaptan change the entire indicating layer to a pale yellow. when mixed with hydrogen sulfide the reading is extended by approx. 30 %.

## Evaluation

reading on the (n= 10)	scale = ppm H <sub>2</sub> S
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