

Carbon Dioxide 0.5%/a

Order No. CH 31 401

Application Range

Standard Measuring Range:	0.5 to 10 vol. %
Number of Strokes n:	1
Time for Measurement:	approx. 30 s
Standard Deviation:	± 5 to 10 %
Color Change:	white → violet

Ambient Operating Conditions

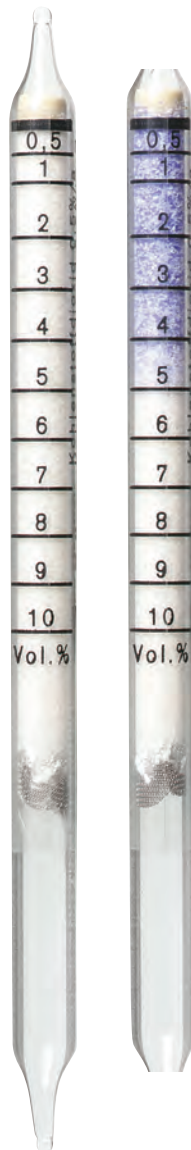
Temperature:	0 to 40 °C
Absolute Humidity:	max. 50 mg H ₂ O / L

Reaction Principle

CO₂ + amine → violet reaction product

Cross Sensitivity

Hydrogen sulfide in the TLV range does not interfere. In a range comparable to the calibrated range for carbon dioxide, sulfur dioxide is indicated. The sulfur dioxide sensitivity is approximately $\frac{1}{3}$ (e.g. 3 vol. % sulfur dioxide gives an indication of 1 vol. %).



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Safety & Industrial Products

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