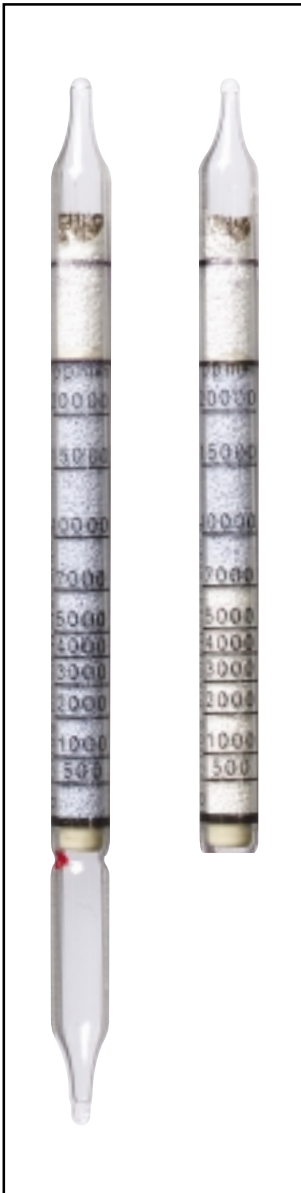


Carbon Dioxide 500/a-D

Order No.
81 01381



Standard Range

500	to	20,000	ppm
250	to	10,000	ppm
125	to	5,000	ppm
65	to	2,500	ppm

Measurement Time

1 h
2 h
4 h
8 h

Standard Deviation : ± 20 to 25 %
Colour Change : blue → white

Ambient Operating Conditions

Temperature : 10 to 30 °C
Absolute Humidity : 1 to 16 mg H₂O / L

Reaction Principle

CO₂ + pH Indicator → white reaction product

Cross Sensitivity

Other acid reacting substances are also indicated, but normally this is not a problem unless the concentrations exceed the TLVs. For example, the following substances do not interfere during a 4-hour measurement.

- 100 ppm ammonia
- 50 ppm sulphur dioxide
- 50 ppm nitrogen dioxide
- 50 ppm hydrogen sulphide
- 25 ppm hydrochloric acid