# Carbon Monoxide 5 - 150 ppm

**Measuring Range** : 5 to 150 ppm (20 °C, 50 % r.h.)

**Measuring Time** :
- approx. 80 s at 150 ppm
- approx. 150 s at 30 ppm
- approx. 300 s at 5 ppm
- approx. 210 s at 0 ppm

## Ambient Operating Conditions

**Temperature** : 0 … 40 °C

**Correction of Temperature** : not necessary

**Humidity** : 1 to 50 mg/L (corresp. 2 to 98 % r.h. at 40°C)

**Correction of Humidity** : not necessary

**Air Pressure** : 700 to 1100 hPa

**Correction of Air Pressure** : not necessary

**Accuracy** :
- ± 12% of the measured value over the measurement range, e.g.
  - ± 0.6 ppm at 5 ppm
  - ± 3.0 ppm at 25 ppm

**Reproducibility** : ± 10 % (Standard Deviation)

**Cross Sensitivity**
- No influence at 25 ppm CO by
  - ≤ 1000 ppm butane,
  - ≤ 1000 ppm propane,
  - ≤ 500 ppm n-octane,
- ≤ 300 ppm hydrogen sulphide,
- ≤ 100 ppm sulfur dioxide,
- ≤ 15 ppm nitrogen dioxide.

**Measurement with Remote System**
Please observe the Instructions for Use of the Remote System.

**Flushing Time**
For a measurement of 25 ppm carbon monoxide in laboratory conditions, a flushing time of 1 minute was determined.