

RKI Sensor Specification

Chlorine Dioxide (ClO₂)

Features: Fast warm-up time
 Good zero stability
 Quick response time

Part Number: 65-2052
Sensor Application: Fixed Systems

Technical Specifications			
Measuring Principle	Amperometric 3-electrode sensor	Accuracy	+/- 10% of reading or +/- 5% of full scale (whichever is greater)
Range of Measurement	0 – 1.00 ppm	Repeatability	+/- 5% of reading
Resolution	1% of full scale	T₉₀ Response time (20°C, 4 min. exposure)	<60 seconds

Operating Conditions			
Temperature Range	-20°C to +40°C	Life Expectancy	2-3 Years
Humidity Range	15-90% RH, Non Condensing	Warranty	1 Year

Known Gas Interferences (with interference filter)

Gas	PPM Gas Applied	Reading
Chlorine (Cl ₂)	2	0.6
Carbon Monoxide (CO)	100	0
Hydrogen (H ₂)	3000	0

Gas	PPM Gas Applied	Reading
Hydrogen Sulfide (H ₂ S)	20	-5
Ozone (O ₃)	0.25	0.7
Alcohols (generic)	1000	0