



## 9187 sc Chlorine Dioxide amperometric analyser

**Product #:**

**LXV434.99.00001**



**Hazardous**

**ZAR Price:**

Contact Hach

**Ships within 1 week**

Items with this mark may be considered hazardous under some shipping conditions.

If necessary, we will change your selected shipping method to accommodate these items.

### Smart amperometric Chlorine Dioxide Analyser: 9187 sc

Single-channel industrial analyser. A membrane allows the selective diffusion of  $\text{ClO}_2$  molecules. pH and temperature compensated. All-inclusive system (without controller) preassembled on a panel.

The membranes of the gold cathode and silver anode are pre-mounted on retaining caps to simplify and reduce maintenance time.

**Includes a selective membrane which avoids interference from Chlorine**

**Stable measurements thanks to the flow-through cell**

**Easily installed premounted flow-through system**

**Minimal maintenance thanks to automatic cleaning**

**Compatible with multi-sensor, multi-parameter digital controllers**

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### Specifications

Accuracy:	5% or $\pm 10$ ppb $\text{ClO}_2$ , whichever is greater
Calibration Interval:	2 months
Calibration Method:	Zero Calibration: Electrically or with ozone-free water  Calibration: Comparison of lab method with process sample
Enclosure rating:	IP66 / NEMA 4X
Flow:	14 L/h (200 - 250 mL/min) auto-regulated by flow through cell
Height:	270 mm
Interferences:	None
Lower Limit of Detection (LOD):	0.01 mg/L $\text{ClO}_2$
Maintenance Interval:	6 months for membrane and electrolyte (measurement cell)
Measuring Interval:	Continuous
Measuring Principle:	Amperometric/Membrane (electrode, membrane, electrolyte)
Measuring range:	0 - 2 mg/L $\text{ClO}_2$
Mounting:	Flat, vertical surface (panel, stand, etc.)
Operating temperature range:	0 - 45 °C

Parameter:	Chlorine dioxide
Pressure Range:	0.1 - 2 bar in flow cell
Relative Humidity:	0 - 90% non-condensing
Response time:	90% in less than 90 seconds
Sample Input:	0.25" outer diameter
Sample Output:	0.5" inner diameter
Sample Temperature:	2 - 45 °C
Standard deviation:	1.5 %
Storage conditions:	-20 - 60 °C
Temperature Compensation:	Automatic over sample temperature range
Warranty:	12 months
Weight:	6.5 kg
Width:	250 mm