



9187sc Chlorine Dioxide amperometric analyser

Product #:

LXV434.99.00001 **Hazardous**

AED Price:

Contact Hach

Call for ship date



Smart amperometric Chlorine Dioxide Analyser: 9187 sc

Single-channel industrial analyser. A membrane allows the selective diffusion of 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

Specifications

Accuracy:	5% or ± 10 ppb 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
Detection limit:	0.01 mg/L ClO_2
Enclosure waterproof rating:	IP66 / NEMA 4X
Flow:	14 L/h (200 - 250 mL/min) auto-regulated by flow through cell
Height:	270 mm
Interferences:	None
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 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 °C - 60 °C
Temperature compensation:	Automatic over sample temperature range
Warranty:	24 months
Weight:	6.5 kg
Width:	250 mm

Required Accessories

- SC1000 Probe Module, 4 Sensor Connectors, 4 mA Output, 4 Relays, 100-240 VAC, with EU plug (Item LXV400.99.2R121)
- SC1000 Display Module (Item LXV402.99.00001)