



5500sc Ammonia Monochloramine Analyser, 1 Channel with External Filter

Product #:

5500.AMC.3.KTO  **Hazardous**

ZAR Price:

Contact Hach

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

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

Chloramination made easy.

The 5500sc Ammonia Monochloramine Analyzer provides all the information you need to eliminate nitrification events and taste and odor issues, giving you total confidence in your process.

Easy operation

The analyzer offers an easy-to-operate, low-maintenance solution to help you maintain the proper chlorine to ammonia ratio and assure there is no free ammonia in your system that could lead to nitrification. We removed the traditional pumps associated with reagent delivery and replaced them with a pressurized system to eliminate the hassles and maintenance that pumps can cause.

Reliability without all the work

With Prognosys, the analyzer's onboard predictive diagnostic software, you will have early insight into the measurement reliability and service requirements of your instruments. A user-friendly interface, color coded reagent bottles and at-a-glance status lights will offer peace of mind the instrument is up and running.

Improved control of your chloramination process

The 5500sc Ammonia Monochloramine Analyzer provides continuous monitoring, so you can trust that your instrument is giving you the information you need to control your chloramination process.

Specifications

Accuracy:	± 5 % or 0.01 ppm (as N) for sample temperature 5 - 40 °C (41 - 104 °F); ±10% or 0.02 ppm for sample temperature 40 - 50 °C (104 - 122 °F), whichever is greater
Alarm:	Four; not powered SPDT relays, each rated at 5A resistive, 240 VAC maximum
Certifications:	CE (EN 61326-1: 2006; EN 61010-1: 2010; EN 60529: 1991, +A1:2000 cETLus (UL 61010-1:2012; NEMA 250:2003; CSA C22.2 No 61010-1:2012) Australian RCM Marking
Communication:	Modbus RS485, Profibus DP (available with external controller), 4-20mA Output
Cycle Time:	4.5 min
Enclosure rating:	IP56 / NEMA 4X
External Filter:	Yes
Grab Sample:	Grab Sample In and Grab Sample Out capability
Inlet:	6 mm OD push-to-connect fitting for plastic tubing
Light source:	Class 1M LED (light emitting diode) with a peak wavelength of 650 nm

Lower Limit of Detection (LOD):	0.01 ppm (as N)
Material:	Polycarbonate (PC)/ABS case, PC Door, PC hinges and latches, 316 Stainless Steel hardware
Measuring Interval:	4.5 minutes
Measuring range:	0.01 - 2 ppm (as N), 0.1 - 10.0 mg/L (as Cl ₂)
Mounting:	Wall, panel, or table
Number of Channels:	1
Number of sample streams:	1 or 2 in programmable sequence
Operating Humidity:	5 - 95 % non-condensing
Operating temperature range:	5 - 45 °C (41 - 113 °F)
Options:	External Filter
Outlet:	11 mm (7/16 in.) ID slip-on fitting
Outputs:	Four 0/4-20 mA Outputs, load impedance 600 ohm maximum
Parameter:	Total Ammonia, Monochloramine, and Free Ammonia
Pollution Degree:	2/II
Power requirements (Hz):	50 - 60 Hz
Power requirements (Voltage):	100 - 240 VAC
Reagent Consumption:	1L of reagents every month with 5 minute cycle time
Repeatability:	3 % or 0.01 ppm (as N), whichever is greater
Response time:	Within 5 minutes
Sample Flow Rate:	100 - 1000 mL/min
Sample Pressure:	2.5 - 87 psi (0.17 - 6.8 bar)
Sample Temperature:	5 - 50 °C (41 - 122 °F)
Storage conditions:	-20 - 60 °C (-4 - 140 °F)
Warranty:	12 months
Weight:	20.5 kg (45.19 lb) without reagents and standards, 30 kg (66.14 lb) with reagents, standards and cleaning solution
What's included?:	Hach 5500sc Ammonia Monochloramine Analyser, 1 channel, with installation kit and user manuals, external filter, reagents and standards for one month use

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