



Be Right™



5500sc Phosphate Low Range Analyzer, DC powered, 1 channel, reagents included

Product #: 5500.KTO.PL.D1U  **Hazardous**
SGD 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.

Lower Maintenance, Less Downtime

Only two liters of reagent are required for the analyzer to perform unattended for up to 90 days; twice as long as the Series 5000. The industry's only pressurized reagent delivery system eliminates the frequent maintenance associated with pumps. Predictive diagnostic tools, including Hach's proprietary Prognosis technology, warning LEDs, and high-visibility notification screens let you avoid unplanned downtime. No more dripping reagents on the instrument, the floor, or your clothing while fumbling with tubes and straws. Simply match the color-coded cap to the sealed reagent bottle and twist gently. Grab Sample In and Grab Sample Out features allow quick analysis of a grab sample poured into the analyzer, and facilitate taking a sample out of the analyzer to verify in a lab test.

90 Days of Continuous Run Time

Only two liters of reagent are required for the analyzer to perform unattended for up to 90 days; twice as long as the Series 5000.

Save Time on Maintenance

The industry's only pressurized reagent delivery system eliminates the frequent maintenance associated with pumps.

Avoid Downtime

Predictive diagnostic tools, including Hach's proprietary Prognosis technology, warning LEDs, and high-visibility notification screens let you avoid unplanned downtime.

Clean, Fast and Easy Reagent Change

No more dripping reagents on the instrument, the floor, or your clothing while fumbling with tubes and straws. Simply match the color-coded cap to the sealed reagent bottle and twist gently.

Verify Easily with Hach Lab Products So You Don't Waste Time Second-guessing

Grab Sample In and Grab Sample Out features allow quick analysis of a grab sample poured into the analyzer, and facilitate taking a sample out of the analyzer to verify in a lab test.

Specifications

Accuracy:	LR model: $\pm 4 \mu\text{g/L}$ or $\pm 4\%$ of reading, whichever is greater; HR model: $\pm 500 \mu\text{g/L}$ or $\pm 5\%$ of reading, whichever is greater
Alarm:	Four relays output; type: not powered SPDT relays, each rated at 5 A resistive, 240 VAC maximum
Application:	Connection: 18 to 14 AWG wire, 18 AWG stranded recommended Pure water / Power
Certifications:	CE (EN 61326-1: 2006; EN 61010-1: 2010; EN 60529: 1991, +A1:2000)

KC (EN 61326-1: 2006)

C-tick (EN 61326-1: 2006)

cETLus (UL 61010-1: 2012; NEMA 250: 2003; CSA C22.2 No 61010-1: 2012)

Controller Compatibility:

sc200, sc1000

Enclosure Rating:

IP56 / NEMA 4X

Fitting type:

Sample line and sample bypass drain: 6 mm (¼-in.)

Air purge inlet: 6 mm (¼-in.) Chemical and case drains: 9.5 mm (3/8-in.)

Grab Sample:

Grab Sample In and Grab Sample Out capability

Light source:

Class 1M LED (light emitting diode) with a peak

wavelength of 810 nm

Lower Limit of Detection (LOD):

LR model: 4 µg/L

HR model: 200 µg/L

Manual Languages:

English

French

Spanish

B. Portuguese

Chinese

Japanese

Korean

Thai

German

Italian

C. Portuguese

Czech

Danish

Dutch

Polish

Swedish

Finnish

Bulgarian

Hungarian

Romanian

Lithuanian

	Russian
	Turkish
	Slovak
	Slovenian
	Croatian
	Greek
	Estonian
Measuring Principle:	Colorimetric
Mounting:	Wall, panel or table
Number of Channels:	1
Operating Humidity:	5 - 95 % non-condensing (indoor use only)
Operating temperature range:	5 - 45 °C
Output:	4 - 20 mA
Parameter:	Low Range Phosphate
Pollution Degree:	2/II
Power requirements (Voltage):	24 V DC
Protection Class:	I
Range:	4 - 3000 µg/L as PO ₄
Reagent Consumption:	2 L of each reagent every 90 days with 15 minute cycle time
Relays:	Four; type: not powered SPDT relays, each rated at 5 A resistive, 240 VAC maximum
Repeatability:	LR model: ±1% HR model: ±500 µg/L or ±5% of reading, whichever is greater
Response Time:	Typically, 9.5 minutes at 25 °C (77 °F); changes with temperature
Sample Flow Rate:	55 - 300 mL/min
Sample Pressure:	2 - 87 psi (to Preset Pressure Regulator)
Sample Temperature:	5 - 50°C (41 - 122°F)
Storage conditions:	-20 - 60 °C
Warranty:	1 year
Weight:	20 kg (45 lb) without reagents and standards, 36.3 kg (80 lb) with reagents

What's in the box?

5500sc analyzer, reagents set for up to 90 days of use, installation kit, Hach user manuals