



## 5500sc Phosphate High Range Analyser, 2 channels, reagents included

Product #:

5500.KTO.PH.A2U  **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.

### 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 Prognosys 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 Prognosys 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.

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## 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)
Controller Compatibility:	cETLus (UL 61010-1: 2012; NEMA 250: 2003; CSA C22.2 No 61010-1: 2012) SC200, SC1000
Enclosure rating:	IP56 / NEMA 4X
Fitting:	Sample line and sample bypass drain: 6 mm (¼-in.)
Grab Sample:	Air purge inlet: 6 mm (¼-in.) Chemical and case drains: 9.5 mm (3/8-in.) 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
Measuring range:	200 - 50000 µg/L as PO <sub>4</sub>
Mounting:	Wall, panel or table
Number of Channels:	2
Operating Humidity:	5 - 95 % non-condensing (indoor use only)
Operating temperature range:	5 - 45 °C
Outputs:	4 - 20 mA
Parameter:	High Range Phosphate
Pollution Degree:	2/II
Power requirements (Hz):	50/60 Hz
Power requirements (Voltage):	100 - 240 VAC
Protection Class:	I
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:	12 months
Weight:	20 kg (45 lb) without reagents and standards, 36.3 kg (80 lb) with reagents
What's included?:	Hach 5500sc Analyser, reagents set for up to 90 days of use, installation kit, Hach user manuals

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