

# 5500sc Phosphate Analyzer

## Lower Maintenance, Less Downtime

Delivering reliable results that save you critical time and effort. For pure water / power applications.

### 90 days of continuous runtime

Only two litres of reagent are required for the analyser to perform unattended for up to 90 days; twice as long as the previous analyser versions.

### 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 colour-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 analyser, and facilitate taking a sample out of the analyser to verify in a lab test.



### Technical Data\*

<b>Application</b>	Pure water / Power
<b>Measuring Principle</b>	Colorimetric
<b>Range</b>	LR model: 4 - 3000 µg/L as PO <sub>4</sub> [Detection range capable of 4 - 5000 µg/L as PO <sub>4</sub> ] HR model: 200 - 50000 µg/L as PO <sub>4</sub>
<b>Accuracy</b>	LR model: ±4 µg/L or ±4% of reading, whichever is greater; HR model: ±500 µg/L or ±5% of reading, whichever is greater
<b>Response Time</b>	Typically, 9.5 minutes at 25 °C (77 °F); changes with temperature
<b>Reagent Consumption</b>	2 L of each reagent every 90 days with 15 minute cycle time
<b>Operating Temperature Range</b>	5 - 45 °C (41 - 113 °F)
<b>Operating Humidity</b>	5 - 95% relative humidity, non-condensing (indoor use only)
<b>Sample Pressure</b>	0.14 - 6 bar (to preset pressure regulator)
<b>Sample Temperature</b>	5 - 50 °C (41 - 122 °F)
<b>Sample Flow Rate</b>	55 - 300 mL/min
<b>Grab Sample</b>	Grab Sample In and Grab Sample Out capability
<b>Mounting</b>	Wall, panel or table
<b>Power Requirements (Voltage)</b>	100 - 240 VAC, 24 VDC
<b>Dimensions (H x W x D)</b>	804 x 452 x 360 mm (31.65 x 17.8 x 14.17 in.)
<b>Enclosure Rating</b>	IP56 / NEMA 4X
<b>Certifications</b>	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)

\*Subject to change without notice.

### Order Information

#### Instruments

**5500.KTO.PH.A1U** Hach 5500sc Phosphate High Range Analyzer, Proprietary chemistry only, AC, 1 channel

**5500.KTO.PH.A2U** Hach 5500sc Phosphate High Range Analyzer, Proprietary chemistry only, AC, 2 channels

**5500.KTO.PH.A4U** Hach 5500sc Phosphate High Range Analyzer, Proprietary chemistry only, AC, 4 channels

**5500.KTO.PL.A1U** Hach 5500sc Phosphate Low Range Analyzer, Proprietary chemistry only, AC, 1 channel

**5500.KTO.PL.A2U** Hach 5500sc Phosphate Low Range Analyzer, Proprietary chemistry only, AC, 2 channels

**5500.KTO.PL.A4U** Hach 5500sc Phosphate Low Range Analyzer, Proprietary chemistry only, AC, 4 channels

Each Analyzer comes with a Hach reagents set for start up and up to 90 days of use. 24 VDC options are available too. Please visit [hach.com](http://hach.com) or contact Hach for further details.

#### Reagents

**6776100** 5500sc Phosphate High Range Reagent Set

**2035400** 5500sc Phosphate Low Range Reagent Set

Part numbers may vary by country.

#### Learn More

