5500sc Silica Analyzer

Lower Maintenance, Less Downtime

Delivering reliable results that save you critical time and effort.

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.

Order Information

Instruments

5500.KTO.S0.A1U	Hach 5500sc Silica Analyzer, proprietary chemistry only, AC, 1 channel
5500.KTO.S0.A2U	Hach 5500sc Silica Analyzer, proprietary chemistry only, AC, 2 channels
5500.KTO.S0.A4U	Hach 5500sc Silica Analyzer, proprietary chemistry only, AC, 4 channels
5500.KTO.S0.A6U	Hach 5500sc Silica Analyzer, proprietary chemistry only, AC, 6 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 or contact Hach for further details.

Reagents

6783600	5500sc Silica Reagent Set
6774802	5500sc Reagent 1 Silica, 2 L
6774902	5500sc Reagent 2 Silica, 2 L
6775102	5500sc Reagent 3 Silica, package
6775002KTO	5500sc Standard 1 Silica, 2 L

Part numbers may vary by country.

Learn More

Technical Data*

Application	Pure water / Power
Measuring Principle	Colorimetric
Range	0 - 5000 µg/L as SiO_2
Accuracy	0 - 500 µg/L: ±1% or ±1 µg/L of reading, whichever is greater; 500 - 5000 µg/L: ±5%
Response Time	Typically, 9.5 minutes at 25 °C (77 °F); changes with temperature
Reagent Consumption	2 L of each reagent every 90 days with 15 minute cycle time
Operating Temperature Range	5 - 45 °C (41 - 113 °F)
Operating Humidity	5 - 95% relative humidity, non-condensing (indoor use only)
Sample Pressure	0.14 - 6 bar (to Preset Pressure Regulator)
Sample Temperature	5 - 50 °C (41 - 122 °F)
Sample Flow Rate	55 - 300 mL/min
Grab Sample	Grab Sample In and Grab Sample Out capability
Mounting	Wall, panel or table
Power Requirements (Voltage)	100 - 240 VAC, 24 VDC
Outputs	4 to 20 mA
Dimensions (H x W x D)	804 x 452 x 360 mm (31.65 x 17.8 x 14.17 in.)
Enclosure Rating	IP56 / NEMA 4X
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)

**Subject to change without notice.*