



Hach 5500sc Silica Analyser

Product #: 5500.KTO.S0.XXX
AED Price: Contact Hach

Lower maintenance, less downtime

Reliable online silica analyser that saves critical time and effort. Proprietary chemistry only, available with 1/2/4/6 channels and including reagents set for start up and up to 90 days of use.

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.

Specifications

Accuracy:	0 - 500 µg/L: ±1% or ±1 µg/L of reading, whichever is greater; 500 - 5000 µg/L: ±5%
Alarm:	Four relays output; type: not powered SPDT relays, each rated at 5 A resistive, 240 V AC maximum
Application:	Connection: 0.82 to 2.08 mm ² wire (18 to 14 AWG), 0.82 mm ² stranded (18 AWG) 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
Detection limit:	0.5 µg/L
Dimensions (H x W x D):	804 mm x 452 mm x 360 mm
Enclosure waterproof rating:	IP56 / NEMA 4X
Fitting:	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.)
Flow rate:	55 - 300 mL/min
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
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:	0 - 5000 µg/L as SiO ₂
Mounting:	Wall, panel or table
Number of channels:	1, 2, 4, 6; programmable sequence
Operating humidity:	5 - 95 % relative humidity, non-condensing (indoor use only)
Operating temperature range:	5 - 45 °C
Output:	4 to 20 mA
Parameter:	Silica
Pollution degree:	2/II
Power requirements (Hz):	50/60 Hz
Power requirements (Voltage):	100 - 240 V AC, 24 V DC
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:	± 0.5 µg/L or ± 1 % of reading, whichever is greater
Response time:	Typically, 9.5 minutes at 25 °C; changes with temperature
Sample pressure:	0.14 - 6 bar (to Preset Pressure Regulator)
Sample temperature:	5 - 50°C (41 - 122°F)
Storage conditions:	-20 - 60 °C
Weight:	20 kg without reagents and standards, 36.3 kg with reagents