NA5600sc Sodium Analyser, 4-channel, with Autocalibration, panel mount

Product #: **LXV526.97.2114A**

ZAR Price: Contact Hach

Ensure uptime with accurate, low-level sodium measurements and predictive diagnostics.

Optimise Operation and Response Time with Automatic Electrode Reactivation
To maintain optimum response time and accuracy, the NA5600sc analyser provides automatic electrode reactivation. Reactivation uses non-hazardous chemicals and eliminates the need for manual reactivation or electrode etching.

Space-Saving Design
Smaller instrument footprint with streamlined layout to allow for easy integration into existing or new sites.

Low Maintenance
Maintenance of the NA5600sc Sodium Analyser requires reagent replenishment only every 90 days and annual replacement of reagent tubing and the sodium electrode. Clear step-by-step instructions are provided to simplify maintenance operations.

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

Specifications

Accuracy:	0.01 - 2 ppb: ± 0.1 ppb
	2 - 10,000 ppb: ± 5%
Acidity:	< 50 ppm
Ambient Temperature:	5 - 50 °C
Analogue Outputs:	6 isolated, 0 - 20 mA or 4 - 20 mA; load impedance: 600 Ohm maximum
	Connection: 0.644 - 1.29 mm^2 (24 - 16 AWG) wire; 0.644 - 0.812 mm^2 (24 - 20 AWG) recommended, twisted pair shielded wire
Calibration Method:	Automatic with known addition
	Manual: 1 or 2 points
Dimensions:	681 mm x 452 mm x 254 mm (H x W x D)
Display:	Coloured 5.7" LCD
Electrode Type:	Sodium ISE (ion specific electrode) electrode and reference electrode with KCl electrolyte
Fuse:	Input power: T 1.6 A, 250 VAC

	Relays: T 5.0 A, 250 V
Include Autocalibration?:	Yes
Include Cation Kit?:	No
Inlet:	Sample line and sample bypass drain: 6 mm O.D. push-to-connect fitting for plastic tubing Chemical and case drains: 7/16 inch I.D. slip-on fitting for soft plastic tubing
Interference Phosphate 10 ppm:	< 0.1 ppb
Load of analog outputs:	600 Ohm
Lower Limit of Detection (LOD):	0.01 ppb
Maintenance Interval:	Every 90 days: refill electrolyte, reactivation, conditioning, and calibration solution
Material:	Polyol case, PC door, PC hinges and latches, 304/316 SST hardware
Max. Concentration of Suspended Solids in Sample:	< 2 NTU, no oil, no grease For boiler sample type install approx. 100 µm filter
Measuring range:	0.01 ppb - 10,000 ppb
Mounting:	Panel mount
Number of analog outputs:	6
Number of Channels:	4
Number of relays:	6
Options:	Analyser with Autocalibration
Parameter:	Sodium
pH Range:	6 - 10 pH
Pollution Degree:	2
Power requirements (Hz):	50/60 Hz
Power requirements (Voltage):	100 - 240 VAC
Protection rating:	IP65, PCBA housing
Relative Humidity:	10 - 80%, non-condensing
Relay output:	6; type: not powered SPDT relays, each rated at 5 A resistive, 240 VAC maximum Connection: 1.0 - 1.29 mm^2 (18 - 16 AWG) wire; 1.0 mm^2 (18 AWG) stranded recommended, 5 - 8 mm O.D. cable
Repeatability:	< 0.02 ppb or 1.5% reading (whichever is greater) within ± 10 °C variation
Response time:	From 0.1 ppb to 10 ppb: T90 ≤ 3 minutes, T95 ≤ 4 minutes From < 1 ppb to 100 ppb: T90 < 2 minutes, T95 < 3 minutes (about 150 s)
Sample conditioner:	Di-isopropylamine (DIPA) (1 L/100 days) at 25 °C for a sample pH target of 10.5
Sample Flow Rate:	100 - 150 mL/min (6 - 9 L/h)
Sample Pressure:	0.2 - 6 bar
Sample Temperature:	5 - 45 °C
Storage conditions:	-20 - 60 °C
Warranty:	12 months
Weight:	14 kg with empty bottles
What's included?:	Hach NA5600sc Sodium Analyser, 4 channel, with 4 channel installation kit and user manuals, reference electrode sodium, sodium ion selective electrode, empty DIPA bottle, the cover for DIPA bottle and the tray for DIPA bottle which is installed in the analyser.

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